



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 197346

TO: Michael Meller
Location: REM/3C03/3C18
Art Unit: 1655
Thursday, August 03, 2006
Case Serial Number: 10/600251

From: Barb O'Bryen
Location: Biotech-Chem Library
Remsen 1a69
Phone: 571-272-2518

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Search Notes

RUSH

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STIC SEARCH RESULTS FEEDBACK FORM

Biotech-Chem Library

Questions about the scope or the results of the search? Contact **the searcher or contact:**

Mary Hale, Information Branch Supervisor
571-272-2507 Remsen E01 D86

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/Biotech-Chem Library Remsen Bldg.

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O'Brien 8-96

400

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Scientific and Technical Information Center

SEARCH REQUEST FORM

Requester's Full Name: Mike Meller Examiner #: 09404 Date: 7/27/06
Art Unit: 1655 Phone Number: 2-72-0967 Serial Number: 110600251-2003
Location (Bldg/Room#): Ren 3003 (Mailbox #): 3018 Results Format Preferred (circle) PAPER DISK

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: Cranberry Amido Amines and Betaines a.s.s.
Inventors (please provide full names): Anthony O'Lenick, Carter LaVay

Earliest Priority Date: 6/23/03

Search Topic:

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search the amine and also see the PCO Group which is defined on the last page. Search using that PCO Group.

C. Chan

Rec'd After

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=> fil capl; d que l115
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L50 5109 SEA FILE=CAPLUS ABB=ON (COLD PRESS?)/BI
L52 18932 SEA FILE=CAPLUS ABB=ON (SEED#(2A)OIL#)/BI
L55 2113 SEA FILE=CAPLUS ABB=ON CRANBERR?/BI OR ((VACCINIUM OR
V) (W)MACROCARPON)/BI
L113 273 SEA FILE=CAPLUS ABB=ON (OLENICK A?/AU OR O LENICK A?/AU)
L114 7 SEA FILE=CAPLUS ABB=ON (LAVAY C?/AU OR LA VAY C?/AU)
L115 16 SEA FILE=CAPLUS ABB=ON ((L55 OR L50 OR L52) AND (L113 OR
L114)) OR (L113 AND L114)

=> d ibib ed abs hitind l115 1-16

*Inventor
search*

L115 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:693251 CAPLUS
TITLE: Raspberry amido amines and betaines derived from them
INVENTOR(S): O'Lenick, Anthony J., Jr.; Lavay,
Carter
PATENT ASSIGNEE(S): Zenitech L.L.C., USA
SOURCE: U.S., 4 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 7078545	B1	20060718	US 2003-600241	20030623
PRIORITY APPLN. INFO.:			US 2003-600241	20030623
ED Entered STN: 18 Jul 2006				
AB Raspberry seed oil derivs., obtained by the amidation of 3-(dimethylamino)propylamine (DMAPA) and cold-pressed raspberry seed oil, followed by condensation with sodium chloroacetate, form a raspberry betaine.				

INCL 554052000; 554051000; 424765000
 CC 23-18 (Aliphatic Compounds)
 Section cross-reference(s): 45, 26
 IT Amines
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (amido; raspberry **seed oil** amidated with
 3-(dimethylamino)propylamine)
 IT Amidation
 (of raspberry **seed oil** with 3-
 (dimethylamino)propylamine)
 IT Betaines
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (raspberry **seed oil** amidation products with
 3-(dimethylamino)propylamine and condensation products with ClCH₂CO₂Na;
 raspberry amido amines and betaines derived from them)
 IT Raspberry
 (**seed oils**, amides with 3-
 (dimethylamino)propylamine, betaines with sodium chloroacetate;
 raspberry amido amines and betaines derived from them)
 IT 109-55-7DP, 3-(Dimethylamino)propylamine, amides with **cold-**
pressed raspberry **seed oil**, betaines with
 sodium chloroacetate 3926-62-3DP, Sodium chloroacetate, betaines with
 amidation products of 3-(dimethylamino)propylamine and raspberry
seed oil
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (raspberry amido amines and betaines derived from them)
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:529290 CAPLUS
 DOCUMENT NUMBER: 145:33475
 TITLE: Process and composition for dyeing hair utilizing
 meadowfoam oil-derived quaternary ammonium
 conditioning agents
 INVENTOR(S): Wohlman, Alan; Villanueva, Apolonio L.; O'Lenick,
 Anthony J., Jr.
 PATENT ASSIGNEE(S): Fantech Corp., USA
 SOURCE: U.S., 6 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 7056350	B1	20060606	US 2003-429595	20030506
PRIORITY APPLN. INFO.:			US 2003-429595	20030506

ED Entered STN: 07 Jun 2006
 AB The present invention relates to a composition, process for preparation and
 use of a
 novel hair dyeing composition in the personal care industry. The composition
 when
 used in the dyeing process for hair results in a permanent coloration to
 the hair and improves manageability of the hair and minimizes damage from
 dyeing process. The use of a cationic compound based upon meadowfoam
seed oil, i.e., RCONH(CH₂)₂N⁺(CH₂CH₂O)_x(Me)(CH₂)₂NHCOR
 M-; R = (CH₂)₃CH:CH(CH₂)₁₃Me, (CH₂)₃CH:CH(CH₂)₁₅Me, (CH₂)₁₁CH:CH(CH₂)₇Me;

(CH₂)₃CH:CH(CH₂)₆CH:CH(CH₂)₆Me; x = 1, 2; M = SO₄Me, Cl, wherein R is derived from meadowfoam **seed oil**, provides unexpected penetration of the hair by the dye, unexpected oxidative stability in the dye compns., and unexpected color deposition to the hair. Thus, a conditioning hair dye composition contained oleic acid 4.0, C12-15 Pareth-3 4.0, ammonium hydroxide 5.0, behentrimonium chloride 4.0, C11-15 Pareth-9 4.0, fragrance 1.0, Steareth-21 3.0, propylene glycol 1.0, cetyl alc. 3.0, Polyquaternium-47 2.0, PEG 150/stearyl copolymer 1.0, stearyl alc. 1.0, erythorbic acid 0.5, EDTA 0.1, sodium sulfite 0.1, sodium metasilicate 0.1, 4-amino-2-hydroxytoluene 1.0, p-aminophenol 1.0, mica 0.5, iron oxides 0.1, 1-naphthol p-phenylenediamine 1.0, titanium dioxide 0.1, 35% hydrogen peroxide 12.0, cationic compound RCONH(CH₂)₂N+(CH₂CH₂O) (Me) (CH₂)₂NH COR Cl- (R = 60% to 65% (CH₂)₃CH:CH(CH₂)₁₃Me, 12% to 20% (CH₂)₃CH:CH(CH₂)₁₅Me and (CH₂)₁₁CH:CH(CH₂)₇Me and 15% to 28% (CH₂)₃CH:CH(CH₂)₆CH:CH(CH₂)₆Me) 6, and water 48.5%, sp.

INCL 008405000; 008406000; 008408000; 008410000; 008411000; 008421000; 008606000; 132202000; 132208000; 424070110

CC 62-3 (Essential Oils and Cosmetics)

IT Fats and Glyceridic oils, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(*Limnanthes alba* **seed**, Meadowfoam **seed oil**

; compns. for dyeing hair utilizing meadowfoam oil-derived quaternary ammonium conditioning agents)

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:790791 CAPLUS

DOCUMENT NUMBER: 141:301428

TITLE: Raspberry polyoxyalkylene esters as a delivery system for natural antioxidants

INVENTOR(S): O'Lenick, Anthony J., Jr.; Lavay, Carter

PATENT ASSIGNEE(S): Zenitech Llc, USA

SOURCE: U.S., 4 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6797836	B1	20040928	US 2003-601618	20030624
			US 2003-601618	20030624

PRIORITY APPLN. INFO.:

ED Entered STN: 29 Sep 2004

AB Raspberry **seed oil** derivs. derived by the reaction of polyoxyalkylene glycol compds. and **cold pressed** raspberry **seed oil** are described. The choice of pressed raspberry **seed oil** as a raw material in the preparation of the compds. of the invention is critical, since it has been found

that the **cold pressed** raspberry **seed oil** contains antioxidants, antimicrobial compds. and which when reacted with a polyoxyalkylene glycol compds., result in products that deliver said actives to the skin and hair, resulting in protection of the skin and hair from environmental factors such as acid rain, ozone attack and UV degradation

IC ICM C07C057-00

INCL 554224000; 554223000; 424732000; 426629000

CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 35
 IT Polyoxyalkylenes, biological studies
 RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (esters, of raspberry **seed oil**; raspberry polyoxyalkylene esters as a delivery system for natural antioxidants)
 IT Raspberry
 (**seed oils**, polyoxyalkylene esters; raspberry polyoxyalkylene esters as a delivery system for natural antioxidants)
 IT 25322-68-3DP, raspberry **seed oil** esters
 RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (raspberry polyoxyalkylene esters as a delivery system for natural antioxidants)

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:1013133 CAPLUS
 DOCUMENT NUMBER: 140:47053
 TITLE: Polymeric castor dimer polyesters
 INVENTOR(S): O'Lenick, Anthony J., Jr.; Lavay, Carter
 PATENT ASSIGNEE(S): Zenitech LLC, USA
 SOURCE: U.S., 4 pp., Cont.-in-part of U.S. 6,342,527.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6670441	B1	20031230	US 2001-4682	20011207
US 6342527	B1	20020129	US 2001-853019	20010511
PRIORITY APPLN. INFO.:			US 2000-655142	B1 20000905
			US 2001-853019	A2 20010511

ED Entered STN: 31 Dec 2003

AB The certain castor polyesters give high gloss when applied to the skin. The esters are the reaction of the hydroxyl group of castor oil, a fatty acid, and a dimer acid.

IC ICM C08G063-54
 ICS C08G063-48; C08G063-02; A61K007-00; A61K007-025
 INCL 528295300; 528295500; 528272000; 424401000; 424064000

CC 62-4 (Essential Oils and Cosmetics)
 Section cross-reference(s): 23, 35

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:887693 CAPLUS
 DOCUMENT NUMBER: 139:369719
 TITLE: Dimethicone copolyol **cranberriate** as a delivery system for natural antioxidants
 INVENTOR(S): Klein, Kenneth; Paleksky, Irwin; O'Lenick, Anthony J., Jr.
 PATENT ASSIGNEE(S): Zenitech L.L.C., USA
 SOURCE: U.S., 5 pp.
 CODEN: USXXAM

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6646144	B1	20031111	US 2002-287266	20021104
PRIORITY APPLN. INFO.:			US 2002-287266	20021104

ED Entered STN: 13 Nov 2003

AB The present invention relates to **cranberry seed oil** derivs. derived by the reaction of dimethicone copolyol and **cold pressed cranberry seed oil**. The choice of **cold pressed cranberry seed oil** as a raw material in the preparation of the compds. of the present invention is critical, since it has been found that the **cold pressed cranberry seed oil** contains antioxidants, antimicrobial compds. and which when reacted with a water soluble or water dispersible silicone result in products that deliver said actives to the skin and hair, resulting in protection of the skin and hair from environmental factors such as acid rain, ozone attack and UV degradation For example, to 400 g of **cold pressed cranberry seed oil**, 458.0 g of dimethicone copolyol was added in the presence of a tin compound as a catalyst to obtain dimethicone copolyol **cranberriate**.

IC ICM C07F007-08

INCL 554077000; 554167000; 554168000; 554227000; 556437000; 556440000; 424432000

CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 62

ST dimethicone copolyol ester **cranberry seed oil** delivery antioxidant

IT Fats and Glyceridic oils, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (**cranberry seed**; dimethicone copolyol ester with **cranberry seed oil** as delivery system for natural antioxidants)

IT Polyoxyalkylenes, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (di-Me, Me hydrogen polysiloxane-; dimethicone copolyol ester with **cranberry seed oil** as delivery system for natural antioxidants)

IT Polysiloxanes, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (di-Me, Me hydrogen, polyoxyalkylene-; dimethicone copolyol ester with **cranberry seed oil** as delivery system for natural antioxidants)

IT Antioxidants
 Drug delivery systems
 Esterification
 (dimethicone copolyol ester with **cranberry seed oil** as delivery system for natural antioxidants)

IT Hair
 Skin
 (protection of; dimethicone copolyol ester with **cranberry seed oil** as delivery system for natural antioxidants)

IT **Cranberry**
 (seed oil; dimethicone copolyol ester with

**cranberry seed oil as delivery system for
natural antioxidants)**

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:784594 CAPLUS
DOCUMENT NUMBER: 139:281290
TITLE: Dimethicone copolyol esters with raspberry oil as a
delivery system for natural antioxidants
INVENTOR(S): Klein, Kenneth; Paleksky, Irwin; O'Lenick,
Anthony J., Jr.
PATENT ASSIGNEE(S): Zenitech LLC, USA
SOURCE: U.S., 5 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6630180	B1	20031007	US 2002-291570	20021112

PRIORITY APPLN. INFO.: US 2002-291570 20021112

ED Entered STN: 07 Oct 2003

AB The invention relates to raspberry **seed oil** derivs.
prepared by the reaction of dimethicone copolyol and **cold
pressed raspberry seed oil**. The choice of
cold pressed raspberry seed oil as a
raw material in the preparation of the compds. is critical, since it has been
found that the **cold pressed raspberry seed
oil** contains antioxidants, antimicrobial compds. and which when
reacted with a water soluble or water dispersible silicone result in products
that deliver the actives to the skin and hair, resulting in protection of
the skin and hair from environmental factors such as acid rain, ozone
attack and UV degradation To grams of 400 g of **cold pressed
raspberry seed oil** is added 458.0 g dimethicone
copolyol in the presence of a tin compound as a catalyst.

IC ICM A61K035-78

INCL 424765000

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 62

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:869291 CAPLUS
DOCUMENT NUMBER: 137:357896
TITLE: Process and composition for dyeing hair utilizing
silicone fatty acid esters
INVENTOR(S): Wohlman, Alan; O'Lenick, Anthony J.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 7 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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 US 2002166179 A1 20021114 US 2001-777022 20010206
 PRIORITY APPLN. INFO.: US 2001-777022 20010206
 ED Entered STN: 15 Nov 2002
 AB A process is described for simultaneous conditioning and dyeing of hair using a composition containing (a) a silicone fatty acid ester having C16-32 present in the ester portion of the mol., e.g., an ester based upon meadowfoam seed oil, (b) hair dye colors, including main oxidation bases and coupling agents, (c) an oxidizing agent, and (d) a base selected from the group consisting of ammonia, NaOH and KOH. The composition is mixed together just prior to use and provides a very efficient dyeing process for hair resulting in a permanent coloration, improved manageability, and minimal damage to the hair. The ease of penetration, overall uniformity of color deposition and overall condition of the hair so treated is outstanding.
 IC ICM A61K007-13
 INCL 008405000
 CC 62-3 (Essential Oils and Cosmetics)
 IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (Limnanthes alba seed; simultaneous hair dyeing and conditioning using silicone fatty acid esters derived from meadowfoam seed oil)

L115 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:490327 CAPLUS
 DOCUMENT NUMBER: 138:209891
 TITLE: Castor polyesters for personal care
 AUTHOR(S): O'Lenick, Anthony J., Jr.; LaVay, Carter
 CORPORATE SOURCE: Siltech LLC, Dacula, GA, USA
 SOURCE: Cosmetics & Toiletries (2002), 117(6), 59-62, 64
 CODEN: CTOIDG; ISSN: 0361-4387
 PUBLISHER: Allured Publishing Corp.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 ED Entered STN: 30 Jun 2002
 AB Naturally occurring castor oil and succinic acid can be reacted to make a polyester (such as castor succinate) and then functionalized to provide benefits in cosmetic formulations.
 CC 62-1 (Essential Oils and Cosmetics)
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:345811 CAPLUS
 DOCUMENT NUMBER: 136:359430
 TITLE: Process and composition for dyeing hair utilizing zwitterionic conditioning agents such as betaines
 INVENTOR(S): Wohlman, Alan; O'Lenick, Anthony J., Jr.
 PATENT ASSIGNEE(S): Fan Tech Ltd., USA
 SOURCE: U.S., 6 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6383232 B1 20020507 US 2001-776115 20010205
PRIORITY APPLN. INFO.: US 2001-776115 20010205
ED Entered STN: 09 May 2002
AB A composition for the simultaneous conditioning and dyeing of hair comprises (a) a zwitterionic compound containing between 16 and 32 carbon atoms, preferably an alkylamidopropyl di-Me betaine derived from meadowfoam seed oil, (b) hair dye colors including main oxidation bases and coupling agents selected from p-phenylenediamine, p-aminophenol hydrochloride, 2-amino-4-nitrophenol, 4-nitro-o-phenylenediamine, o-aminophenol, resorcinol, pyrogallol, hydroquinone, 2,4-diaminophenol, etc., (c) an oxidizing agent comprising hydrogen peroxide, (d) a base selected from ammonia, NaOH and KOH, and (e) water. The composition when used in the dyeing process for hair results in a permanent coloration to the hair, improves manageability of the hair and minimizes damage from dyeing process. Typical formulations used com. contain a variety of ingredients. Addition of the compds. of the present invention to the formulated products just prior to application results in many desirable properties. The use of zwitterionic compds. provide unexpected penetration of the hair by the dye, unexpected oxidative stability in the dye compns., and unexpected color deposition to the hair.

IC ICM A61K007-13

INCL 008408000

CC 62-3 (Essential Oils and Cosmetics)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:84605 CAPLUS

DOCUMENT NUMBER: 136:139628

TITLE: Polymeric castor polyesters

INVENTOR(S): O'Lenick, Anthony J., Jr.; Lavay, Carter

PATENT ASSIGNEE(S): Zenitech LLC, USA

SOURCE: U.S., 4 pp., Cont. of U.S. No. 655,142.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6342527	B1	20020129	US 2001-853019	20010511
US 6670441	B1	20031230	US 2001-4682	20011207
PRIORITY APPLN. INFO.:			US 2000-655142	A1 20000905
			US 2001-853019	A2 20010511

ED Entered STN: 31 Jan 2002

AB The present invention deals with the certain castor polyesters which give high gloss when applied to the skin. The esters are prepared by the reaction of the hydroxyl groups of castor oil with <1 equivalent of a C6-34 fatty acid in the presence of stannous oxylate and then with the remainder of an equivalent with a diacid, i.e., succinic acid resulting in a clear oil that is used without addnl. purification. The effective glossing concentration of the product, e.g., a lipstick, a color cosmetic or hair preparation, is 0.05-30% by weight, more preferred 1-10%.

IC ICM A61K031-225

ICS A61K031-22; A61K007-00; C07C059-185; C08G063-48

INCL 514547000

CC 62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 23

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:772136 CAPLUS
DOCUMENT NUMBER: 135:322517
TITLE: Reconstituted meadowfoam oil in personal care
applications
INVENTOR(S): Wohlman, Alan; O'Lenick, Anthony J., Jr.
PATENT ASSIGNEE(S): Fan Tech, Ltd., USA
SOURCE: U.S., 10 pp., Cont.-in-part of U.S. 6,180,668.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6306906	B1	20011023	US 2000-580604	20000530
US 6013818	A	20000111	US 1998-128271	19980803
US 6180668	B1	20010130	US 1999-330207	19990611
PRIORITY APPLN. INFO.:			US 1998-128271	A2 19980803
			US 1999-330207	A2 19990611
			US 1997-993604	A2 19971218

ED Entered STN: 24 Oct 2001

AB The present invention to provide a process for conditioning hair and skin
comprises contacting the skin or hair with an effective conditioning
concentration of a of the reaction product of meadowfoam oil and an ester
selected from the group consisting of beeswax, jojoba oil, carnauba wax,
and candelilla wax.

IC ICM A61K031-23

INCL 514552000

CC 62-3 (Essential Oils and Cosmetics)

IT Fats and Glyceridic oils, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(Limnanthes alba seed; reconstituted meadowfoam oil
in personal care applications)

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:502445 CAPLUS
DOCUMENT NUMBER: 135:78522
TITLE: Reconstituted meadowfoam oil
INVENTOR(S): O'lenick, Anthony J., Jr.
PATENT ASSIGNEE(S): Fan Tech Ltd., USA
SOURCE: U.S., 9 pp., Cont.-in-part of U.S. 6,180,668.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6258965	B1	20010710	US 2000-550200	20000417
US 6013818	A	20000111	US 1998-128271	19980803

US 6180668 B1 20010130 US 1999-330207 19990611
PRIORITY APPLN. INFO.: US 1998-128271 A2 19980803
US 1999-330207 A2 19990611
US 1997-993604 A2 19971218

ED Entered STN: 12 Jul 2001

AB Meadowfoam oil and ≥ 1 oils of natural origin are transesterified at 150-250° and in the presence of catalyst such as stannous oxylate to make a reconstituted product having an altered alkyl distribution and consequently altered chemical and phys. properties. The reaction of meadowfoam oil and beeswax, carnauba wax, candelilla wax, and jojoba oil was described.

IC ICM C07C057-00

INCL 554227000

CC 45-3 (Industrial Organic Chemicals, Leather, Fats, and Waxes)

IT Fats and Glyceridic oils, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)

(*Limnanthes alba* seed; reconstituted meadowfoam oil

through transesterifications with beeswax, carnauba wax, candelilla wax, or jojoba oil)

L115 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:75303 CAPLUS

DOCUMENT NUMBER: 134:136461

TITLE: Reconstituted meadowfoam oil in personal care applications

INVENTOR(S): O'Lenick, Anthony J., Jr.; Wohlman, Alan

PATENT ASSIGNEE(S): Fan Tech Ltd., USA

SOURCE: U.S., 10 pp., Cont.-in-part of U.S. 6,013,818.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6180668	B1	20010130	US 1999-330207	19990611
US 6013818	A	20000111	US 1998-128271	19980803
US 6258965	B1	20010710	US 2000-550200	20000417
US 6306906	B1	20011023	US 2000-580604	20000530
PRIORITY APPLN. INFO.:			US 1997-993604	B2 19971218
			US 1998-128271	A2 19980803
			US 1999-330207	A2 19990611

ED Entered STN: 01 Feb 2001

AB The present invention relates to a series of "reconstituted meadowfoam oils", used on skin for moisturizing and emollient applications. The term reconstituted as used hereon refers to a process in which meadowfoam oil and one or more oils of natural origin, e.g. soybean oil, corn oil, sunflower oil, safflower oil, olive oil, and cottonseed oil, etc., are transesterified under conditions of high temperature and catalyst to make a "reconstituted product" having an altered alkyl distribution and consequently altered chemical and phys. properties.

IC ICM A01N037-02

ICS A01N037-06

INCL 514547000

CC 62-4 (Essential Oils and Cosmetics)

IT Fats and Glyceridic oils, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)

(*Limnanthes alba* seed; reconstituted meadowfoam oil

in personal care applications)

IT Fats and Glyceridic oils, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)
(grape seed; reconstituted meadowfoam oil in
personal care applications)

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:219712 CAPLUS

DOCUMENT NUMBER: 130:257178

TITLE: Reconstituted silanol wax esters for use in skin
cosmetics

INVENTOR(S): O'Lenick, Anthony J., Jr.; La Vay,
Carter

PATENT ASSIGNEE(S): Petroferk Inc., USA

SOURCE: U.S., 5 pp., Cont.-in-part of U.S. 5,733,533.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5888485	A	19990330	US 1997-998371	19971224
US 5733533	A	19980331	US 1997-882487	19970625

PRIORITY APPLN. INFO.: US 1997-882487 A2 19970625

OTHER SOURCE(S): MARPAT 130:257178

ED Entered STN: 08 Apr 1999

AB Certain reconstituted wax esters, prepared by the reaction of a silanol polymer and a natural high mol. wax ester selected from the group consisting of beeswax, candelilla, and carnauba wax are disclosed. These materials are useful in preparation of cosmetic products where their ability to couple organic, silicone and other components into a uniform mass is unsurpassed. One major area for the use of these materials is in lipsticks. In addition they are useful in antiperspirants and other formulations which contain both oils and silicones. The invention esters were prepared by trans-esterification reaction of the wax and the silicone polymer. Formulation of a lipstick comprising 1-70% of a volatile solvent; 0.1-15% of a silicone ester; 10-45% wax; and 5-50% powder is disclosed.

IC ICM A61K007-027

ICS C07F007-10; C07F007-08; C07F007-18

INCL 424064000

CC 62-4 (Essential Oils and Cosmetics)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:202604 CAPLUS

DOCUMENT NUMBER: 128:274886

TITLE: Reconstituted silicone wax esters for use in cosmetics

INVENTOR(S): O'Lenick, Anthony J., Jr.; La Vay,
Carter

PATENT ASSIGNEE(S): Lambent Technologies Inc., USA; J.W. Hanson Co.

SOURCE: U.S., 6 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5733533	A	19980331	US 1997-882487	19970625
US 5888485	A	19990330	US 1997-998371	19971224
CA 2295096	AA	19981230	CA 1998-2295096	19980428
WO 9858620	A1	19981230	WO 1998-US8489	19980428
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9871662	A1	19990104	AU 1998-71662	19980428
EP 989840	A1	20000405	EP 1998-918808	19980428
EP 989840	B1	20030702		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002515938	T2	20020528	JP 1999-504394	19980428
AT 243991	E	20030715	AT 1998-918808	19980428
ES 2202841	T3	20040401	ES 1998-918808	19980428
PRIORITY APPLN. INFO.:			US 1997-882487	A2 19970625
			WO 1998-US8489	W 19980428

ED Entered STN: 09 Apr 1998

AB Certain reconstituted wax esters, prepared by the reaction of a silicone polymer and a natural high mol. wax ester selected from the group consisting of beeswax, candelilla, and carnauba wax. These materials are useful in preparation of cosmetic products where their ability to couple organic silicone and other components into a uniform mass is unsurpassed. One major area for the use of these materials is in lipsticks. In addition they are useful in antiperspirants and other formulations which contain both oils and silicones. Lipsticks contained a volatile solvent 1-70, silicone ester 0.1-15, wax 10-45, and powder 5-50%.

IC ICM A61K007-027
ICS C07F007-10; C07F007-08; C07F007-18

INCL 424064000

CC 62-4 (Essential Oils and Cosmetics)
Section cross-reference(s): 35, 38

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L115 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:461038 CAPLUS

DOCUMENT NUMBER: 127:137349

TITLE: Guerbet meadowfoam esters as cosmetic lubricants

INVENTOR(S): O'Lenick, Anthony J., Jr.

PATENT ASSIGNEE(S): Siltech Inc., USA

SOURCE: U.S., 4 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 16

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5646321	A	19970708	US 1995-516138	19950817
US 5741916	A	19980421	US 1996-692376	19960731
US 5736571	A	19980407	US 1996-715742	19960919
US 5760260	A	19980602	US 1996-759266	19961202
US 5770751	A	19980623	US 1996-767475	19961216

US 5741919	A	19980421	US 1996-773735	19961226
US 5917070	A	19990629	US 1996-773734	19961226
US 5741915	A	19980421	US 1997-782217	19970113
US 5780643	A	19980714	US 1997-819555	19970317
US 5786388	A	19980728	US 1997-847577	19970424
US 5817846	A	19981006	US 1997-842082	19970428
US 5834516	A	19981110	US 1997-847202	19970501
US 5834517	A	19981110	US 1997-847203	19970501
PRIORITY APPLN. INFO.:			US 1995-516138	A2 19950817
			US 1996-692376	A2 19960731
			US 1996-759266	A2 19961202

ED Entered STN: 23 Jul 1997

AB The esters are prepared by reaction of a C12-44 Guerbet alc. with meadowfoam fatty acids, their Me esters or triglycerides. These materials are useful as cosmetic ingredients where outstanding liquidity, resistance to oxidation, and minimal taste and odor variation are required. This combination of properties make these compds. excellent candidates as additives to personal care products such as skin care oils and lipsticks. Thus, 354 g meadowfoam oil was heated with 269 g C18 Guerbet alc. in the presence of a Sn catalyst with vacuum distillation of the glycerol formed to give a clear liquid

which showed no rancidity after storage for 3 mo.

IC ICM C07C057-00

INCL 554224000

CC 45-3 (Industrial Organic Chemicals, Leather, Fats, and Waxes)
Section cross-reference(s): 62

IT Fats and Glyceridic oils, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)

(Limnanthes alba seed, meadowfoam oil; Guerbet alc.

esters as cosmetic lubricants by transesterification of)

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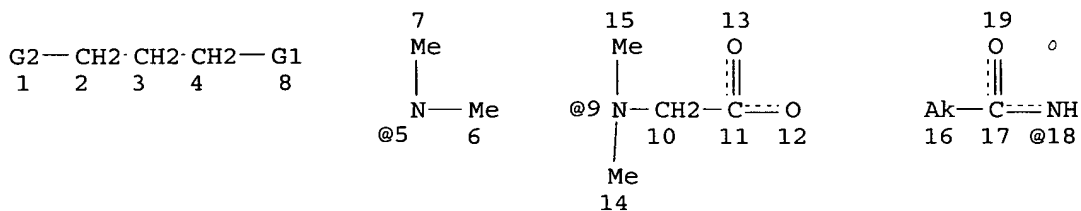
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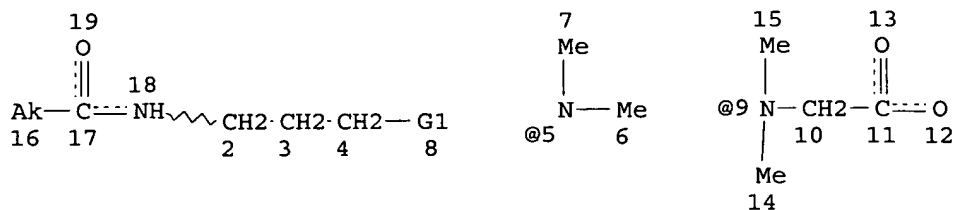
L8 STR



VAR G1=5/9
 VAR G2=NH2/18
 NODE ATTRIBUTES:
 CONNECT IS E3 RC AT 5
 CONNECT IS E1 RC AT 16
 DEFAULT MLEVEL IS ATOM
 GGCAT IS HIC AT 16
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE
 L10 SCR 1399 AND 1006 AND 1236
 L12 843 SEA FILE=REGISTRY SSS FUL L8 AND L10
 L28 STR



VAR G1=5/9

NODE ATTRIBUTES:

CONNECT IS E3 RC AT 5
 CONNECT IS E1 RC AT 12
 CONNECT IS E1 RC AT 16
 DEFAULT MLEVEL IS ATOM
 GGCAT IS HIC AT 16
 DEFAULT ECLEVEL IS LIMITED
 ECOUNT IS M14-X24 C AT 16

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

L30 157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
 L32 140 SEA FILE=REGISTRY ABB=ON L30/COMPLETE

L8 STR
 L10 SCR 1399 AND 1006 AND 1236
 L12 843 SEA FILE=REGISTRY SSS FUL L8 AND L10
 L28 STR
 L30 157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
 L33 686 SEA FILE=REGISTRY ABB=ON L12 NOT L30

L22 26914 SEA FILE=REGISTRY ABB=ON 14-24/C AND 28-48/H AND 2/O AND
 3/ELC.SUB NOT RSD/FA = RCO groups

=> fil capl; d que nos 156; d que nos 154; d que nos 1103; d que nos 1104; d que
 nos 1106; d que nos 1108; d que nos 149; d que nos 151
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L10         SCR 1399 AND 1006 AND 1236
L12         843 SEA FILE=REGISTRY SSS FUL L8 AND L10
L22         26914 SEA FILE=REGISTRY ABB=ON 14-24/C AND 28-48/H AND 2/O AND
              3/ELC.SUB NOT RSD/FA
L28         STR
L30         157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
L32         140 SEA FILE=REGISTRY ABB=ON L30/COMPLETE
L33         686 SEA FILE=REGISTRY ABB=ON L12 NOT L30
L35         503 SEA FILE=CAPLUS ABB=ON L32
L36         199095 SEA FILE=CAPLUS ABB=ON L22
L37         6173 SEA FILE=CAPLUS ABB=ON L33
L38         730 SEA FILE=CAPLUS ABB=ON L36 AND L37
L55         2113 SEA FILE=CAPLUS ABB=ON CRANBERR?/BI OR ((VACCINIUM OR
              V) (W)MACROCARPON)/BI
L56         2 SEA FILE=CAPLUS ABB=ON L55 AND (L38 OR L35)

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L8          STR
L10         SCR 1399 AND 1006 AND 1236
L12         843 SEA FILE=REGISTRY SSS FUL L8 AND L10
L22         26914 SEA FILE=REGISTRY ABB=ON 14-24/C AND 28-48/H AND 2/O AND
              3/ELC.SUB NOT RSD/FA
L28         STR
L30         157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
L32         140 SEA FILE=REGISTRY ABB=ON L30/COMPLETE
L33         686 SEA FILE=REGISTRY ABB=ON L12 NOT L30
L35         503 SEA FILE=CAPLUS ABB=ON L32
L36         199095 SEA FILE=CAPLUS ABB=ON L22
L37         6173 SEA FILE=CAPLUS ABB=ON L33
L38         730 SEA FILE=CAPLUS ABB=ON L36 AND L37
L52         18932 SEA FILE=CAPLUS ABB=ON (SEED#(2A)OIL#)/BI
L54         10 SEA FILE=CAPLUS ABB=ON L52 AND (L35 OR L38)

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L8          STR
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L28         STR
L30         157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
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L37         6173 SEA FILE=CAPLUS ABB=ON L33

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L38 730 SEA FILE=CAPLUS ABB=ON L36 AND L37
 L57 465 SEA FILE=CAPLUS ABB=ON L35 AND P/DT
 L61 357 SEA FILE=CAPLUS ABB=ON L57 NOT PRY>2002
 L80 38452 SEA FILE=CAPLUS ABB=ON PALMITIC
 L81 71763 SEA FILE=CAPLUS ABB=ON STERIC
 L82 63693 SEA FILE=CAPLUS ABB=ON OLEIC
 L83 41760 SEA FILE=CAPLUS ABB=ON LINOLEIC
 L84 21422 SEA FILE=CAPLUS ABB=ON LINOLENIC
 L85 4729 SEA FILE=CAPLUS ABB=ON ARACHIDIC
 L86 351 SEA FILE=CAPLUS ABB=ON GADOLEIC
 L87 14638 SEA FILE=CAPLUS ABB=ON MYRISTIC
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 L93 1 SEA FILE=CAPLUS ABB=ON EICOSANDIENOIC
 L94 1552 SEA FILE=CAPLUS ABB=ON EICOSATRIENOIC
 L95 8733 SEA FILE=CAPLUS ABB=ON EICOSAPENTAENOIC
 L96 4558 SEA FILE=CAPLUS ABB=ON BEHENIC
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 L101 452 SEA FILE=CAPLUS ABB=ON NERVONIC
 L102 216 SEA FILE=CAPLUS ABB=ON L38 AND (L80 OR L81 OR L82 OR L83 OR
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 L93 OR L94 OR L95 OR L96 OR L97 OR L98 OR L99 OR L100 OR L101)
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L8 STR
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 L28 STR
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 L63 38 SEA FILE=CAPLUS ABB=ON L35 NOT L57
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 L80 38452 SEA FILE=CAPLUS ABB=ON PALMITIC
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 L94 1552 SEA FILE=CAPLUS ABB=ON EICOSATRIENOIC
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 L101 452 SEA FILE=CAPLUS ABB=ON NERVONIC
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 L22 26914 SEA FILE=REGISTRY ABB=ON 14-24/C AND 28-48/H AND 2/O AND
 3/ELC.SUB NOT RSD/FA
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 L30 157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
 L33 686 SEA FILE=REGISTRY ABB=ON L12 NOT L30
 L36 199095 SEA FILE=CAPLUS ABB=ON L22
 L37 6173 SEA FILE=CAPLUS ABB=ON L33
 L38 730 SEA FILE=CAPLUS ABB=ON L36 AND L37
 L105 31165 SEA FILE=CAPLUS ABB=ON ?BERRY OR ?BERRIES
 L106 5 SEA FILE=CAPLUS ABB=ON L38 AND L105

L8 STR
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 L28 STR
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 L108 1 SEA FILE=CAPLUS ABB=ON L38 AND L107

L8 STR
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L37 6173 SEA FILE=CAPLUS ABB=ON L33
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 OBI
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L8 STR
 L10 SCR 1399 AND 1006 AND 1236
 L12 843 SEA FILE=REGISTRY SSS FUL L8 AND L10
 L22 26914 SEA FILE=REGISTRY ABB=ON 14-24/C AND 28-48/H AND 2/O AND
 3/ELC.SUB NOT RSD/FA
 L28 STR
 L30 157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
 L32 140 SEA FILE=REGISTRY ABB=ON L30/COMPLETE
 L33 686 SEA FILE=REGISTRY ABB=ON L12 NOT L30
 L35 503 SEA FILE=CAPLUS ABB=ON L32
 L36 199095 SEA FILE=CAPLUS ABB=ON L22
 L37 6173 SEA FILE=CAPLUS ABB=ON L33
 L38 730 SEA FILE=CAPLUS ABB=ON L36 AND L37
 L50 5109 SEA FILE=CAPLUS ABB=ON (COLD PRESS?)/BI
 L51 0 SEA FILE=CAPLUS ABB=ON L50 AND (L38 OR L35)

=> s 156,154,1103,1104,1106,1108 not 1115

L116 45 (L56 OR L54 OR L103 OR L104 OR L106 OR L108) NOT L115

=> fil medl; d que nos 169; d que nos 176

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<http://www.nlm.nih.gov/mesh/>
http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html
http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html
http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the
 MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate
 substance identification.

L8 STR
 L10 SCR 1399 AND 1006 AND 1236
 L12 843 SEA FILE=REGISTRY SSS FUL L8 AND L10
 L28 STR
 L30 157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
 L32 140 SEA FILE=REGISTRY ABB=ON L30/COMPLETE
 L69 7 SEA FILE=MEDLINE ABB=ON L32

L8 STR
 L10 SCR 1399 AND 1006 AND 1236
 L12 843 SEA FILE=REGISTRY SSS FUL L8 AND L10
 L22 26914 SEA FILE=REGISTRY ABB=ON 14-24/C AND 28-48/H AND 2/O AND
 3/ELC.SUB NOT RSD/FA
 L28 STR
 L30 157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
 L33 686 SEA FILE=REGISTRY ABB=ON L12 NOT L30
 L70 1 SEA FILE=REGISTRY ABB=ON L33 AND MEDLINE/LC
 L71 178 SEA FILE=REGISTRY ABB=ON L22 AND MEDLINE/LC
 L72 16 SEA FILE=MEDLINE ABB=ON L70
 L73 32377 SEA FILE=MEDLINE ABB=ON L71
 L76 0 SEA FILE=MEDLINE ABB=ON L72 AND L73

=> dup rem l116,l69

FILE 'CAPLUS' ENTERED AT 12:43:18 ON 03 AUG 2006
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 12:43:18 ON 03 AUG 2006
 PROCESSING COMPLETED FOR L116
 PROCESSING COMPLETED FOR L69

L117 52 DUP REM L116 L69 (0 DUPLICATES REMOVED)
 ANSWERS '1-45' FROM FILE CAPLUS
 ANSWERS '46-52' FROM FILE MEDLINE

=> d ibib ed abs hitstr 1-45; d iall 46-52

L117 ANSWER 1 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:468866 CAPLUS
 DOCUMENT NUMBER: 144:470006
 TITLE: Deodorant perfume compositions and fabric softener
 compositions containing them
 INVENTOR(S): Mizunoya, Hirohide; Kubono, Yumi
 PATENT ASSIGNEE(S): Kao Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006124884	A2	20060518	JP 2004-316591	20041029
PRIORITY APPLN. INFO.:			JP 2004-316591	20041029
ED Entered STN: 19 May 2006				
AB The perfume compns. comprise at weight ratio A > B (A) perfumes selected from lilial (I) (p-tert-butyl- α -methylhydrocinnamic aldehyde), γ -decalactone (II), tentarome (6-acetyl-1,1,2,4,4,7-hexatetralin) (III), musk ketone, γ -undecalactone (IV), α -amylcinnamaldehyde (V), liral [4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde] (VI), ambroxan (VII) (3 α ,6,6,9 α -tetramethyldodecahydronaphtho[2,1-b]furan), δ -decalactone, raspberry ketone [4-(4-hydroxyphenyl)-2-butanone] (VIII), iso-E Super (7-				

acetyl,1,2,3,4,5,6,7,8-ocatahydro-1,1,6,7-tetramethylnaphthalene), and rosephenone [(trichloromethyl)phenylcarbiny] acetate] and (B) perfume selected from aldehyde C 12MNA Schiff base [methylnonylacetoaldehyde-Me anthranilate (IX) Schiff base], isoamyl salicylate, aldehyde C 10 Schiff base (decylaldehyde-IX Schiff base), galaxolide (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[g]-2-benzopyran) (X), methylionone, pentalide (cyclopentadecanolide) (XI), ambrettolide (cyclohexadecanolide), Habanolide (cyclopentadecanolide), and ethylene brassylate. Thus, laundered clothing was treated with a softener containing 15% composition of N-(3-alkanoylamino)propyl-N-(2-alkanoxyethyl)-N-methylamine and N-(3-alkanoylamino)propyl-N-(2-hydroxyethyl)-N-methylamine manufactured from stearic acid, palmitic acid, and N-(3-aminopropyl)-N-(2-hydroxyethyl)methylamine and 0.6% 37.3:13.1 perfume of a 7.0/1.0/5.0/2.0/20.0/1.0/0.3/1.0 mixture comprising I, II, III, IV, V, VI, VII, and VIII and a 11.1/2.0 mixture comprising X and XI to show good perfume and properties deodorizing grilled meat and cigarettes.

IT 57-10-3D, Palmitic acid, reaction products with tertiary amines
57-11-4D, Stearic acid, reaction products with tertiary amines
109-55-7D, (3-Aminopropyl)dimethylamine, reaction products with fatty acids

RL: TEM (Technical or engineered material use); USES (Uses)
(deodorant perfume-containing fabric softeners)

RN 57-10-3 CAPLUS

CN Hexadecanoic acid (9CI) (CA INDEX NAME)

$\text{HO}_2\text{C}-(\text{CH}_2)_{14}-\text{Me}$

RN 57-11-4 CAPLUS

CN Octadecanoic acid (9CI) (CA INDEX NAME)

$\text{HO}_2\text{C}-(\text{CH}_2)_{16}-\text{Me}$

RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

$\text{H}_2\text{N}-(\text{CH}_2)_3-\text{NMe}_2$

L117 ANSWER 2 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:902663 CAPLUS

DOCUMENT NUMBER: 143:235459

TITLE: Cosmetic and pharmaceutical foam with solid particles such as oxides for topical administration

INVENTOR(S): Tamarkin, Dov; Friedman, Doron; Eini, Meir; Besonov, Alex

PATENT ASSIGNEE(S): Foamix Ltd., Israel

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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 WO 2005076697 A2 20050825 WO 2005-IB1227 20050204
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

AU 2005201455 A1 20050825 AU 2005-201455 20050204
 US 2004-541698P P 20040204

PRIORITY APPLN. INFO.:

ED Entered STN: 26 Aug 2005

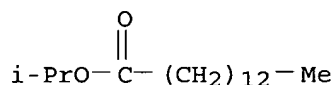
AB The invention relates to an alc.-free cosmetic or pharmaceutical foam
 carrier comprising about 2 to 30% by weight solid particles, about 2 to 75%
 by weight hydrophobic solvent, about 10 to 85% by weight water, about 0.1 to 5
 %

by weight surface-active agent, about 0.1 to 5% by weight stabilizer/gelling
 agent and a liquefied or compressed gas propellant in a container, which
 upon release provides a breakable foam suitable for topical
 administration. For example, a wound healing foam was prepared containing
 mineral oil 12.5, colloidal silver 2.0, lidocaine 4.0, Arlacel 135 2.0,
 Avicel CL611 2.0, Tween 80 2.0, cocoamidopropylbetaine 1.0, D-Panthenol
 50P 10.0, benzalkonium chloride 0.20 and water to 100%.

IT 110-27-0, Isopropyl myristate 36574-66-0D, N-coco acyl
 derivs., N-coco acyl derivs. 439612-67-6, Arlacel 135
 RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (cosmetic and pharmaceutical foam with solid particles such as oxides
 for topical administration)

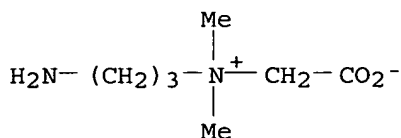
RN 110-27-0 CAPLUS

CN Tetradecanoic acid, 1-methylethyl ester (9CI) (CA INDEX NAME)



RN 36574-66-0 CAPLUS

CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
 (CA INDEX NAME)

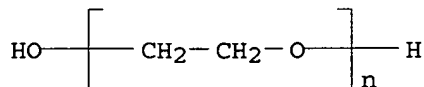


RN 439612-67-6 CAPLUS

CN Octadecanoic acid, 12-hydroxy-, homopolymer, ester with
 α -hydro- ω -hydroxypoly(oxy-1,2-ethanediyl) (2:1) (9CI) (CA
 INDEX NAME)

CM 1

CRN 25322-68-3
 CMF (C2 H4 O)_n H2 O
 CCI PMS

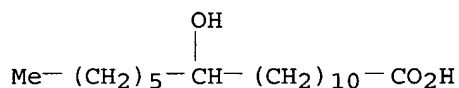


CM 2

CRN 27924-99-8
 CMF (C18 H36 O3)_x
 CCI PMS

CM 3

CRN 106-14-9
 CMF C18 H36 O3



L117 ANSWER 3 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:141200 CAPLUS

DOCUMENT NUMBER: 142:254568

TITLE: Methods and compositions for increasing the efficacy of biologically-active ingredients such as antitumor agents

INVENTOR(S): Windsor, J. Brian; Roux, Stan J.; Lloyd, Alan M.; Thomas, Collin E.

PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA

SOURCE: PCT Int. Appl., 243 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014777	A2	20050217	WO 2003-US32667	20031016
WO 2005014777	A3	20050915		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

CA 2502148	AA	20050217	CA 2003-2502148	20031016
AU 2003304398	A1	20050225	AU 2003-304398	20031016
EP 1576150	A2	20050921	EP 2003-816736	20031016
EP 1576150	A3	20051102		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: US 2002-418803P P 20021016
WO 2003-US32667 W 20031016

ED Entered STN: 18 Feb 2005

AB The invention provides methods and compns. for modulating the sensitivity of cells to cytotoxic compds. and other active agents. In accordance with the invention, compns. are provided comprising combinations of ectophosphatase inhibitors and active agents. Active agents include antibiotics, fungicides, herbicides, insecticides, chemotherapeutic agents, and plant growth regulators. By increasing the efficacy of active agents, the invention allows use of compns. with lowered concns. of active ingredients.

IT 125695-78-5

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Isomate LBAM; methods and compns. for increasing efficacy of biol. active ingredients such as antitumor agents)

RN 125695-78-5 CAPLUS

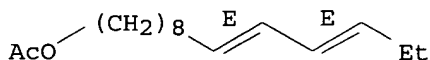
CN 9,11-Tetradecadien-1-ol, acetate, (E,E)-, mixt. with (E)-11-tetradecenyl acetate (9CI) (CA INDEX NAME)

CM 1

CRN 54664-98-1

CMF C16 H28 O2

Double bond geometry as shown.

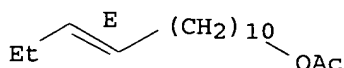


CM 2

CRN 33189-72-9

CMF C16 H30 O2

Double bond geometry as shown.



IT 112-62-9 12068-12-1 16725-53-4
20711-10-8 30507-70-1 33189-72-9
34010-21-4 41096-46-2 50767-79-8
50933-33-0 51607-94-4 52207-99-5
53042-79-8 53120-26-6 53120-27-7
55069-68-6 55195-26-1 56218-79-2
60037-58-3 65733-18-8 65954-19-0
72269-48-8

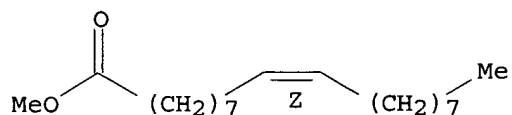
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(methods and compns. for increasing efficacy of biol. active ingredients such as antitumor agents)

RN 112-62-9 CAPLUS

CN 9-Octadecenoic acid (9Z)-, methyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 12068-12-1 CAPLUS

CN Benzenesulfonic acid, dodecyl-, compd. with N,N-dimethyl-1,3-propanediamine (1:1) (8CI, 9CI) (CA INDEX NAME)

CM 1

CRN 27176-87-0

CMF C18 H30 O3 S

CCI IDS



D1-SO₃H

Me-(CH₂)₁₁-D1

CM 2

CRN 109-55-7

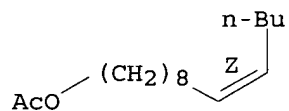
CMF C5 H14 N2

H₂N-(CH₂)₃-NMe₂

RN 16725-53-4 CAPLUS

CN 9-Tetradecen-1-ol, acetate, (9Z)- (9CI) (CA INDEX NAME)

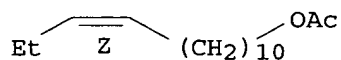
Double bond geometry as shown.



RN 20711-10-8 CAPLUS

CN 11-Tetradecen-1-ol, acetate, (11Z)- (9CI) (CA INDEX NAME)

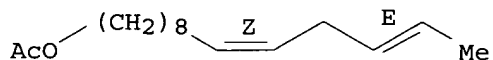
Double bond geometry as shown.



RN 30507-70-1 CAPLUS

CN 9,12-Tetradecadien-1-ol, acetate, (9Z,12E)- (9CI) (CA INDEX NAME)

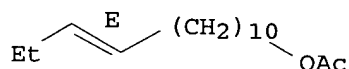
Double bond geometry as shown.



RN 33189-72-9 CAPLUS

CN 11-Tetradecen-1-ol, acetate, (11E)- (9CI) (CA INDEX NAME)

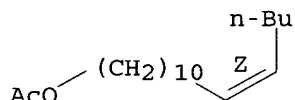
Double bond geometry as shown.



RN 34010-21-4 CAPLUS

CN 11-Hexadecen-1-ol, acetate, (11Z)- (9CI) (CA INDEX NAME)

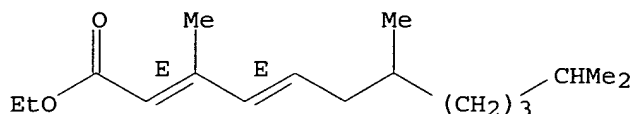
Double bond geometry as shown.



RN 41096-46-2 CAPLUS

CN 2,4-Dodecadienoic acid, 3,7,11-trimethyl-, ethyl ester, (2E,4E)- (9CI)
(CA INDEX NAME)

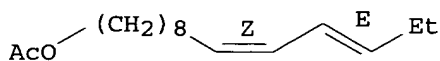
Double bond geometry as shown.



RN 50767-79-8 CAPLUS

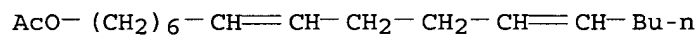
CN 9,11-Tetradecadien-1-ol, acetate, (9Z,11E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 50933-33-0 CAPLUS

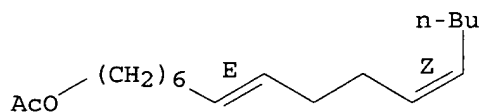
CN 7,11-Hexadecadien-1-ol, acetate (9CI) (CA INDEX NAME)



RN 51607-94-4 CAPLUS

CN 7,11-Hexadecadien-1-ol, acetate, (7E,11Z) - (9CI) (CA INDEX NAME)

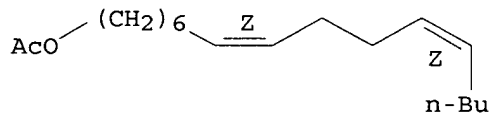
Double bond geometry as shown.



RN 52207-99-5 CAPLUS

CN 7,11-Hexadecadien-1-ol, acetate, (7Z,11Z) - (9CI) (CA INDEX NAME)

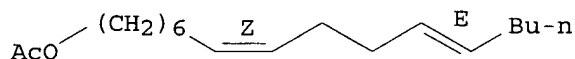
Double bond geometry as shown.



RN 53042-79-8 CAPLUS

CN 7,11-Hexadecadien-1-ol, acetate, (7Z,11E) - (9CI) (CA INDEX NAME)

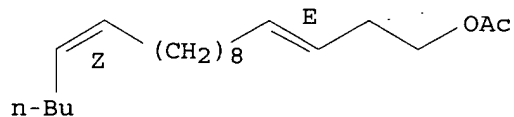
Double bond geometry as shown.



RN 53120-26-6 CAPLUS

CN 3,13-Octadecadien-1-ol, acetate, (3E,13Z) - (9CI) (CA INDEX NAME)

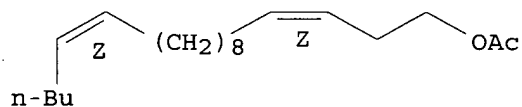
Double bond geometry as shown.



RN 53120-27-7 CAPLUS

CN 3,13-Octadecadien-1-ol, acetate, (3Z,13Z) - (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 55069-68-6 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α-hydro-ω-hydroxy-, ether with

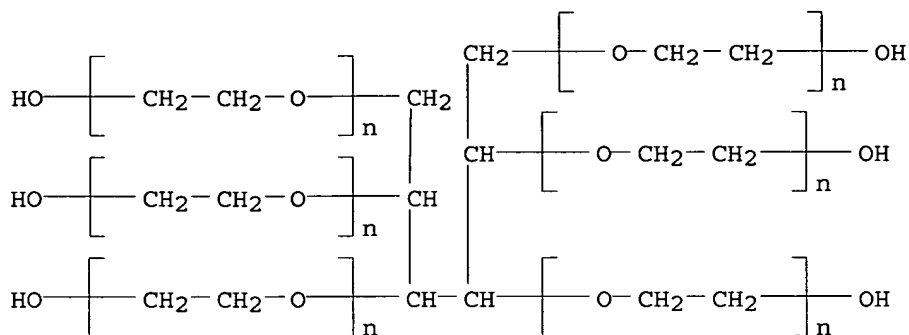
D-glucitol (6:1), dodecanoate (9Z)-9-octadecenoate (9CI) (CA INDEX NAME)

CM 1

CRN 53694-15-8

CMF (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n C6
H14 O6

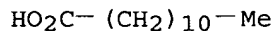
CCI PMS



CM 2

CRN 143-07-7

CMF C12 H24 O2

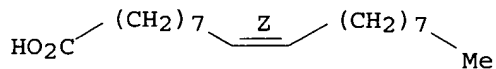


CM 3

CRN 112-80-1

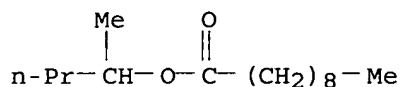
CMF C18 H34 O2

Double bond geometry as shown.



RN 55195-26-1 CAPLUS

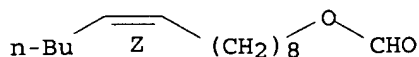
CN Decanoic acid, 1-methylbutyl ester (9CI) (CA INDEX NAME)



RN 56218-79-2 CAPLUS

CN 9-Tetradecen-1-ol, formate, (9Z)- (9CI) (CA INDEX NAME)

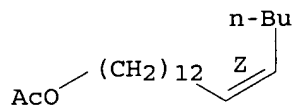
Double bond geometry as shown.



RN 60037-58-3 CAPLUS

CN 13-Octadecen-1-ol, acetate, (13Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

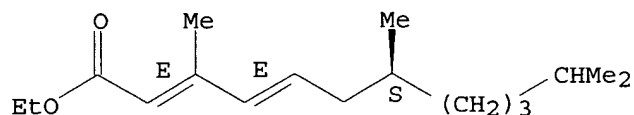


RN 65733-18-8 CAPLUS

CN 2,4-Dodecadienoic acid, 3,7,11-trimethyl-, ethyl ester, (2E,4E,7S)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

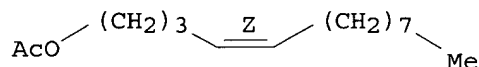
Double bond geometry as shown.



RN 65954-19-0 CAPLUS

CN 4-Tridecen-1-ol, acetate, (4Z)- (9CI) (CA INDEX NAME)

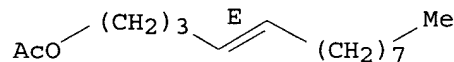
Double bond geometry as shown.



RN 72269-48-8 CAPLUS

CN 4-Tridecen-1-ol, acetate, (4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L117 ANSWER 4 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1313694 CAPLUS

DOCUMENT NUMBER: 144:40413

TITLE: Fibrous foamable cleansing articles packaged in plastic receptacle

INVENTOR(S): Macedo, Filomena Augusta; Grissett, Gregory Aaron; Keenan, Diane Marie; Williams, David Robert; Clarke, Michael

PATENT ASSIGNEE(S): Unilever Home & Personal Care USA, USA

SOURCE: U.S. Pat. Appl. Publ., 12 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005277567	A1	20051215	US 2004-633	20041201
WO 2005121298	A1	20051222	WO 2005-EP5852	20050530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2004-579465P P 20040614

ED Entered STN: 16 Dec 2005

AB A cleansing article and process for manufacture is provided, the article being a solid or semi-solid foamable composition joinably penetrating a fibrous web, the combination being molded and held for sale to consumers in a single use disposable sealed plastic receptacle. The receptacle includes indicia printed onto or associated with the plastic receptacle. For example, a toilette bar with a high oil content was prepared. The foamable composition of this bar contained stearic acid 13.09, propylene glycol 4.0, glycerin 4.0, sodium hydroxide 1.3, sodium laureth sulfate 4.0, hydrogenated cotton seed oil 4.0, petrolatum 1.0, 12-hydroxystearic acid 9.0, α -olefin sulfonate 3.0, cocoamidopropyl betaine 6.0, titanium dioxide 0.75, sodium cocoyl isethionate 17.89, sodium cocoate 14.88, zinc oxide 0.05, sunflower seed oil 16.0, fragrance 1.0, diphosphoric acid 0.02, and tetrasodium EDTA 0.02 weight%, resp. The foamable composition in molten form was poured into a single use polyester plastic receptacle comprising in a receiving cavity a nonwoven structure. Total amount of nonwoven was 1.0 g and the foamable composition was 100.0 g.

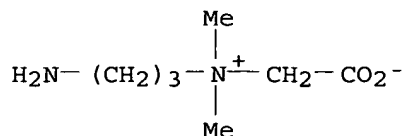
IT 36574-66-0D, N-coco acyl derivs.

RL: COS (Cosmetic use); DEV (Device component use); BIOL (Biological study); USES (Uses)

(Cocoamidopropyl betaine; foamable cleansing composition with fibrous web packaged in sealed plastic receptacle)

RN 36574-66-0 CAPLUS

CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
 (CA INDEX NAME)



IT 57-11-4, Stearic acid, biological studies

RL: COS (Cosmetic use); DEV (Device component use); BIOL (Biological study); USES (Uses)

(foamable cleansing composition with fibrous web packaged in sealed plastic

receptacle)
 RN 57-11-4 CAPLUS
 CN Octadecanoic acid (9CI) (CA INDEX NAME)

HO₂C-(CH₂)₁₆-Me

L117 ANSWER 5 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1313678 CAPLUS
 DOCUMENT NUMBER: 144:40412
 TITLE: Foamable cleansing article penetrating a fibrous web
 INVENTOR(S): Grissett, Gregory Aaron; Keenan, Diane Marie; Macedo, Filomena Augusta; Williams, David Robert
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 9 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005277566	A1	20051215	US 2004-938384	20040909
WO 2005121301	A1	20051222	WO 2005-EP6121	20050606

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 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-579477P P 20040614

ED Entered STN: 16 Dec 2005

AB A cleansing article is provided which includes a fibrous web of continuous network bonded fibers and a solid or semi-solid foamable composition joinably penetrating the web. The web has a first and second major surface each being on opposite faces of the web. The composition and web are present in a relative weight ratio ranging from about 30:1 to about 2000:1. At least a major portion of the first major surface of the web preferably being exposed above the foamable composition, and a majority of surfaces defining an exterior of the article are formed of the foamable composition. For example, a toilette bar composition with high level of nonwoven was prepared comprising a 1.0 g nonwoven fibrous assembly combined with 114.0 g foamable composition (the amount of foamable composition relative to the fibrous assembly 11,400% by weight).

The foamable composition contained stearic acid 11.36, propylene glycol 2.47, glycerin 4.00, sodium hydroxide 3.94, sodium laureth sulfate 2EO (70%) 4.57, hydrogenated cotton seed oil 3.95, petrolatum 1.00, 12-hydroxystearic acid 8.00, sodium C14-16 olefin sulfonate 3.89, cocoamidopropyl betaine 6.00, sodium tallowate 6.34, sodium isethionate 11.98, sodium cocoate 11.35, zinc oxide 0.03, sunflower seed oil 6.00, disodium cocoamphodipropionate 5.78, sodium chloride

0.03, water 2.27, sodium lauryl sulfate 6.00, fragrance 1.00, diphosphoric acid 0.02, and tetrasodium EDTA 0.02 weight%, resp.

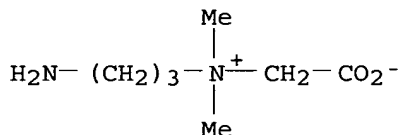
IT 36574-66-0D, N-coco acyl derivs.

RL: DEV (Device component use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Cocoamidopropyl betaine; foamable cleansing composition penetrating fibrous web network)

RN 36574-66-0 CAPLUS

CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
(CA INDEX NAME)



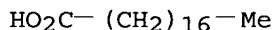
IT 57-11-4, Stearic acid, biological studies

RL: DEV (Device component use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(foamable cleansing composition penetrating fibrous web network)

RN 57-11-4 CAPLUS

CN Octadecanoic acid (9CI) (CA INDEX NAME)



L117 ANSWER 6 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1077877 CAPLUS

DOCUMENT NUMBER: 143:352861

TITLE: Beauty wash product compositions with solid particulate optical modifiers, such as titanium dioxide, delivering enhanced visual benefits to the skin with specific optical attributes

INVENTOR(S): Polonka, Jack; Hamilton, Brian Keith; Lips, Alexander; Chandar, Prem

PATENT ASSIGNEE(S): Unilever Home & Personal Care USA, USA

SOURCE: U.S. Pat. Appl. Publ., 11 pp., Cont.-in-part of U.S. Ser. No. 815,003.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005220736	A1	20051006	US 2004-996532	20041124
US 2005227881	A1	20051013	US 2004-815003	20040331
US 2005233916	A1	20051020	US 2005-43509	20050126
WO 2005094780	A1	20051013	WO 2005-EP2814	20050311

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,

SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-815003 A2 20040331
 US 2004-996532 A2 20041124
 US 2005-43509 A 20050126

ED Entered STN: 07 Oct 2005

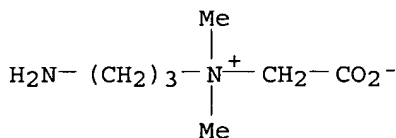
AB The present invention relates to rinse-off cleansing compns. comprising solid particulate optical modifiers (e.g., titanium dioxide, mica, etc.) delivering enhanced visual benefits (gloss, shine, color, lightness and radiance) to the skin by using specific deposition systems (e.g., cationic polymer/anionic surfactant ppts.) and/or by ensuring dispersion of particles. For example, a soap bar composition comprised polyethylene glycol 43.5, cocoamidofosuccinate 30, fatty acid 10, sunflower seed oil 10, Merquat 100 1.5, water 5, and TiO₂ 16%, resp.

IT 36574-66-0D, N-coco acyl derivs., N-coco acyl derivs.
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(Cocoamidopropyl betaine; facial cleanser with optical modifiers delivering enhanced visual benefits to skin with specific optical attributes)

RN 36574-66-0 CAPLUS

CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
 (CA INDEX NAME)



IT 57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid, biological studies 544-63-8, Myristic acid, biological studies 9004-95-9, Polyoxyethylene cetyl ether
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (facial cleanser with optical modifiers delivering enhanced visual benefits to skin with specific optical attributes)

RN 57-10-3 CAPLUS

CN Hexadecanoic acid (9CI) (CA INDEX NAME)



RN 57-11-4 CAPLUS

CN Octadecanoic acid (9CI) (CA INDEX NAME)

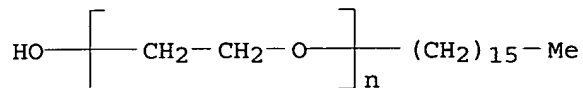


RN 544-63-8 CAPLUS

CN Tetradecanoic acid (9CI) (CA INDEX NAME)

$$\text{HO}_2\text{C}-(\text{CH}_2)_{12}-\text{Me}$$

RN 9004-95-9 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -hexadecyl- ω -hydroxy- (9CI) (CA INDEX NAME)

L117 ANSWER 7 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:904090 CAPLUS

DOCUMENT NUMBER: 143:235474

TITLE: Cosmetic and pharmaceutical foam with solid particles such as oxides for topical administration

INVENTOR(S): Tamarkin, Dov; Friedman, Doron; Eini, Meir; Besonov, Alex

PATENT ASSIGNEE(S): Foamix Ltd., Israel

SOURCE: U.S. Pat. Appl. Publ., 18 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005186147	A1	20050825	US 2005-50999	20050204
AU 2005201455	A1	20050825	AU 2005-201455	20050204
			US 2004-541698P	P 20040204

PRIORITY APPLN. INFO.:

ED Entered STN: 26 Aug 2005

AB The invention relates to an alc.-free cosmetic or pharmaceutical foam carrier comprising about 2 to 30% by weight solid particles, about 2 to 75% by weight hydrophobic solvent, about 10 to 85% by weight water, about 0.1 to 5 %

by weight surface-active agent, about 0.1 to 5% by weight stabilizer/gelling agent and a liquefied or compressed gas propellant in a container, which upon release provides a breakable foam suitable for topical administration. For example, a wound healing foam was prepared containing mineral oil 12.5, colloidal silver 2.0, lidocaine 4.0, Arlacel 135 2.0, Avicel CL611 2.0, Tween 80 2.0, cocoamidopropylbetaine 1.0, D-Panthenol 50P 10.0, benzalkonium chloride 0.20 and water to 100%.

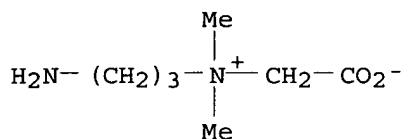
IT 36574-66-0D, N-coco acyl derivs., N-coco acyl derivs.

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

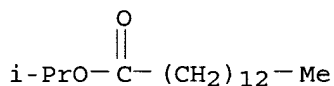
(Cocoamidopropylbetaine; cosmetic and pharmaceutical foam with solid particles such as oxides for topical administration)

RN 36574-66-0 CAPLUS

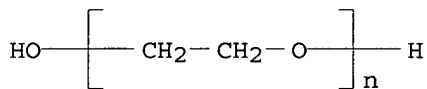
CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI) (CA INDEX NAME)



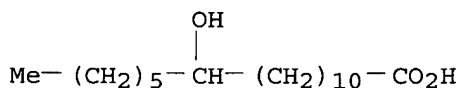
IT 110-27-0, Isopropyl myristate 439612-67-6, Arlacel 135
 RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (cosmetic and pharmaceutical foam with solid particles such as oxides
 for topical administration)
 RN 110-27-0 CAPLUS
 CN Tetradecanoic acid, 1-methylethyl ester (9CI) (CA INDEX NAME)



RN 439612-67-6 CAPLUS
 CN Octadecanoic acid, 12-hydroxy-, homopolymer, ester with
 α -hydro- ω -hydroxypoly(oxy-1,2-ethanediyl) (2:1) (9CI) (CA
 INDEX NAME)
 CM 1
 CRN 25322-68-3
 CMF (C2 H4 O)_n H2 O
 CCI PMS



CM 2
 CRN 27924-99-8
 CMF (C18 H36 O3)_x
 CCI PMS
 CM 3
 CRN 106-14-9
 CMF C18 H36 O3



L117 ANSWER 8 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:652290 CAPLUS

DOCUMENT NUMBER: 141:179197
 TITLE: Method and compositions for providing natural appearing hair color
 INVENTOR(S): Narasimhan, Saroja; Vena, Lou Ann Christine
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 16 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004154108	A1	20040812	US 2003-360699	20030206
PRIORITY APPLN. INFO.:			US 2003-360699	20030206

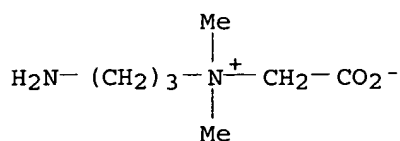
ED Entered STN: 13 Aug 2004

AB A method for improving the dimensionality and fade resistance of oxidatively colored or lightened hair, a method for oxidatively coloring or lightening hair, a kit for use in practicing the method, and the related compns. are provided. A method for oxidatively coloring the hair comprising the steps of: (a) treating the hair with an oxidative dye composition comprising at least one dyestuff component and at least one oxidizing agent reactive with the dyestuff component to form color, for a period of time sufficient to color the hair, (b) removing the oxidative dye composition from the hair but leaving residual oxidizing agent or at least portion thereof, and (c) treating the hair with a post-treatment composition comprising at least one dyestuff component but being free of any oxidizing agent reactive with the dyestuff component to form color, whereby the dyestuff component in the post-treatment composition reacts with any residual oxidizing agent present on the hair to form color. The dyestuff component in the oxidative dye composition comprises at least one primary intermediate and, optionally, at least one coupler for the formation of oxidation dyes. The post-treatment composition comprises about 0.01 to 99.9% water and about 0.01 to 99.9% dyestuff component. For example, an oxidative hair dye composition for dark blonde hair contained erythroic acid 0.20%, sodium sulfite 0.50%, ethoxydiglycol 5.00%, tetrasodium EDTA 0.80%, ethanolamine 3.00%, botanical extract 0.80%, sodium benzotriazolyl butylphenolsulfonate (UV absorber) 0.50%, dark blonde dyestuff components 1.746%, ammonium lauryl sulfate (28% aqueous solution) 2.00%, oleic acid 12.50%, cetearyl alc. 4.00%, emulsifying wax 2.00%, Oleth-20 1.00%, Steareth-21 0.70%, meadowfoam seed oil 0.75%, oleyl alc. 0.40%, Polyquaternium 10 0.20%, Polyquaternium 28 0.50%, mica/titanium dioxide (67:33) 0.30%, hydrolyzed wheat protein 0.50%, fragrance 1.25%, ammonium hydroxide (27.5%) 9.00%, and water to 100%. The composition was stored in tubes of laminated plastic and metal.

IT 36574-66-0D, N-coco acyl derivs.
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (Cocoamidopropylbetaine; kits containing compns. for providing natural appearing hair color)

RN 36574-66-0 CAPLUS

CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
 (CA INDEX NAME)

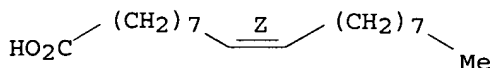


IT 112-80-1, Oleic acid, biological studies 9004-98-2,
 Oleth-20 9005-00-9, Steareth-21 24938-91-8,
 Trideceth-12 102516-09-6D, polymers with acrylates
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (kits containing compns. for providing natural appearing hair color)

RN 112-80-1 CAPLUS

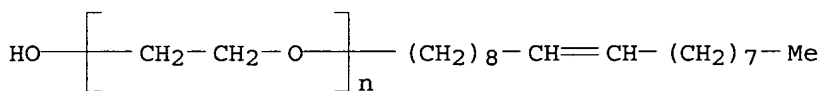
CN 9-Octadecenoic acid (9Z) - (9CI) (CA INDEX NAME)

Double bond geometry as shown.



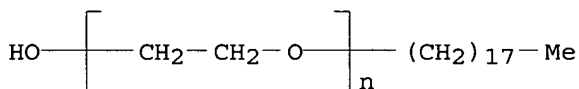
RN 9004-98-2 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -(9Z)-9-octadecenyl- ω -hydroxy-
 (9CI) (CA INDEX NAME)



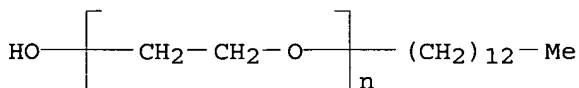
RN 9005-00-9 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -octadecyl- ω -hydroxy- (9CI) (CA
 INDEX NAME)



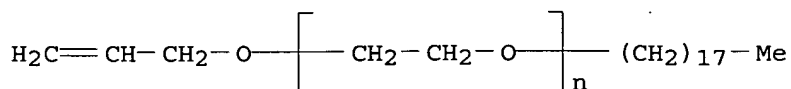
RN 24938-91-8 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- (9CI) (CA
 INDEX NAME)



RN 102516-09-6 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -octadecyl- ω -(2-propenyloxy)- (9CI)
 (CA INDEX NAME)



L117 ANSWER 9 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:490268 CAPLUS

DOCUMENT NUMBER: 141:42568

TITLE: Process for manufacture of personal care products
utilizing a concentrate water phaseINVENTOR(S): Divone, Peter Anthony; Biercevicz, Walter Anthony;
Regan, Joseph James; Bridges, Christy Ann; Priest,
Kimberly Ann

PATENT ASSIGNEE(S): Unilever Home & Personal Care USA, USA

SOURCE: U.S. Pat. Appl. Publ., 11 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004115230	A1	20040617	US 2002-320029	20021216
CA 2507006	AA	20040701	CA 2003-2507006	20031103
WO 2004054695	A1	20040701	WO 2003-EP12419	20031103
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003283366	A1	20040709	AU 2003-283366	20031103
EP 1575695	A1	20050921	EP 2003-775313	20031103
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN 1726075	A	20060125	CN 2003-80106236	20031103
JP 2006509623	T2	20060323	JP 2004-559679	20031103
PRIORITY APPLN. INFO.:			US 2002-320029	A 20021216
			WO 2003-EP12419	W 20031103

ED Entered STN: 17 Jun 2004

AB A process which may be continuous is provided for manufacture of personal care product compns. The process involves feeding a first water phase which is a concentrate containing most if not all water soluble ingredients of the composition into a

blending tube. A second phase which can be oily or aqueous and a third water phase, the latter being essentially pure water, are also fed into the blending tube. All of the phases are transported through the tube at a flow rate of about 5 to about 5000 lb/min and at a pressure of about 10 to about 5000 psi. Preferably the tube leads into a homogenizer such as a sonolator. For example, a pair of skin lotions were prepared to reflect a 2x and a 10x level of concentrate Both concs. with the appropriate amount of added water will attain the resultant composition comprising (i) an oil phase containing stearic acid 2.0217%, glycol stearate/stearamide AMP 1.1939%,

glycerol monostearate 0.5572%, cetyl alc. 0.3184%, petrolatum 0.5%, mineral oil 1.4%, and dimethicone 0.3%, and (iii) an aqueous phase containing water

79.4078%, tetrasodium EDTA 0.1017%, magnesium aluminum silicate 0.2%, glycerin 3.5%, methylparaben 0.1425%, titanium dioxide (water dispersible) 0.1%, Carbopol 934 (2% active in water) 9%, triethanolamine 0.7568%, Aloe vera gel 0.09%, DMDM hydantoin 0.25%, and fragrance 0.16%.

IT 57-11-4, Stearic acid, biological studies 36574-66-0D, N-coco acyl derivs.

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(process for manufacture of liquid personal care products utilizing concentrate water phase)

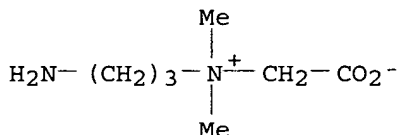
RN 57-11-4 CAPLUS

CN Octadecanoic acid (9CI) (CA INDEX NAME)

HO₂C- (CH₂)₁₆-Me

RN 36574-66-0 CAPLUS

CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
(CA INDEX NAME)



L117 ANSWER 10 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:392051 CAPLUS

DOCUMENT NUMBER: 140:380295

TITLE: Liquid cleansing composition having simultaneous exfoliating and moisturizing properties.

INVENTOR(S): Massaro, Michael; Goldberg, Jessica Weiss; Subramanyan, Krishna Kumar; Johnson, Anthony William; Slavtcheff, Craig Stephen

PATENT ASSIGNEE(S): Unilever Home and Personal Care USA, Division of Conopco, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 14 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

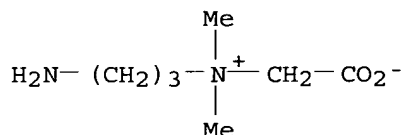
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

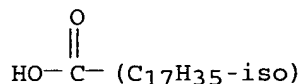
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004091446	A1	20040513	US 2002-290609	20021108
US 6924256	B2	20050802		
CA 2504156	AA	20040521	CA 2003-2504156	20031022
WO 2004041218	A1	20040521	WO 2003-EP11812	20031022

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,

OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
 TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2003278135 A1 20040607 AU 2003-278135 20031022
 EP 1567114 A1 20050831 EP 2003-769449 20031022
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 JP 2006512309 T2 20060413 JP 2004-548771 20031022
 US 2005170979 A1 20050804 US 2005-91636 20050328
 PRIORITY APPLN. INFO.: US 2002-290609 A 20021108
 WO 2003-EP11812 W 20031022
 ED Entered STN: 14 May 2004
 AB Liquid lamellar cleansing compns. are described that contain synthetic
 surfactants, hydrophilic emollients and exfoliant particles where 80% or
 more of the particles have a major axis length of between 100 and 1000
 µm. The combination of the mild surfactants, moisturizers, and
 exfoliants, provides the user with simultaneous moisturization and
 exfoliation in a convenient liquid cleansing product. A skin cleanser
 contained sunflower **seed oil** 16, silica particles 2,
 synthetic wax beads 0.5, Na laureth sulfate 12.3, cocoamidopropylbetaine
 5.7, lauric acid 2.9, PEG-30 dipolyhydroxystearate 0.25, guar
 hydroxypropyltrimonium chloride 0.7, petrolatum 3.7, glycerin 5.7,
 preservatives 1, titania 0.05, and water balance to 100 %.
 IT **36574-66-0D**, N-coco acyl derivs.
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cocoamidopropylbetaine; liquid cleansers containing surfactants and
 lamellar
 structurants and emollients and exfoliant particles)
 RN 36574-66-0 CAPLUS
 CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
 (CA INDEX NAME)



IT **30399-84-9**, Isostearic acid **439612-67-6**, Polyethylene
 glycol dipolyhydroxystearate
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (liquid cleansers containing surfactants and lamellar structurants and
 emollients and exfoliant particles)
 RN 30399-84-9 CAPLUS
 CN Isooctadecanoic acid (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 439612-67-6 CAPLUS
 CN Octadecanoic acid, 12-hydroxy-, homopolymer, ester with
 α-hydro-ω-hydroxypoly(oxy-1,2-ethanediyl) (2:1) (9CI) (CA

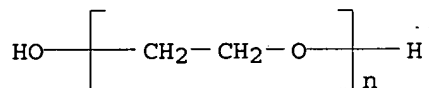
INDEX NAME)

CM 1

CRN 25322-68-3

CMF (C2 H4 O)_n H2 O

CCI PMS



CM 2

CRN 27924-99-8

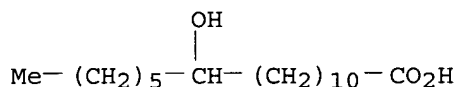
CMF (C18 H36 O3)_x

CCI PMS

CM 3

CRN 106-14-9

CMF C18 H36 O3



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L117 ANSWER 11 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:435212 CAPLUS

DOCUMENT NUMBER: 139:3248

TITLE: Betaines as adjuvants to susceptibility testing and antimicrobial therapy

INVENTOR(S): Thornton, Charles G.

PATENT ASSIGNEE(S): Integrated Research Technology, LLC, USA

SOURCE: U.S. Pat. Appl. Publ., 103 pp., Cont.-in-part of U.S. 6,406,880.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003104513	A1	20030605	US 2002-125647	20020419
US 7067500	B2	20060627		
WO 9850576	A1	19981112	WO 1998-US8760	19980501
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, ML, MR, NE, SN, TD, TG

US 6406880 B1 20020618 US 1999-429614 19991029
 PRIORITY APPLN. INFO.: US 1997-45512P P 19970502
 WO 1998-US8760 A1 19980501
 US 1999-429614 A2 19991029

OTHER SOURCE(S): MARPAT 139:3248

ED Entered STN: 06 Jun 2003

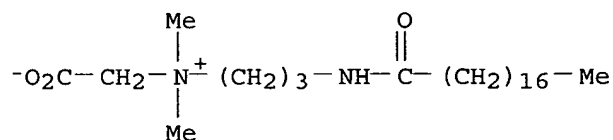
AB The present invention is related to methods and compns. for susceptibility testing of bacteria containing mycolic acid structures using betaine-like detergents, and inducing the susceptibility of such bacteria using the same.

IT 6179-44-8 36574-66-0D, N-(C8-22)-acyl derivs.

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (betaines as adjuvants to susceptibility testing and antimicrobial therapy)

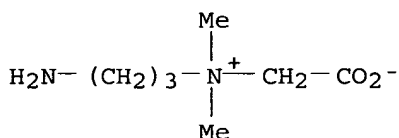
RN 6179-44-8 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxooctadecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



RN 36574-66-0 CAPLUS

CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI) (CA INDEX NAME)



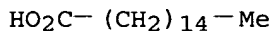
IT 57-10-3, Palmitic acid, biological studies

57-11-4, Octadecanoic acid, biological studies 9004-95-9
 , Brij 56 9004-98-2

RL: BSU (Biological study, unclassified); BIOL (Biological study) (screening of, for microbial growth suppression; betaines as adjuvants to susceptibility testing and antimicrobial therapy)

RN 57-10-3 CAPLUS

CN Hexadecanoic acid (9CI) (CA INDEX NAME)

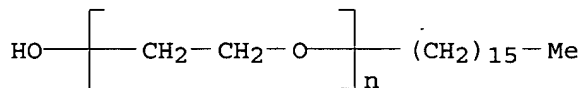


RN 57-11-4 CAPLUS

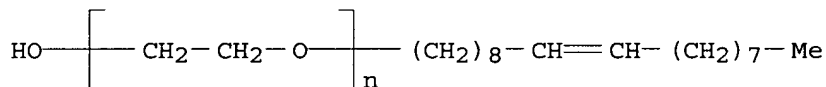
CN Octadecanoic acid (9CI) (CA INDEX NAME)



RN 9004-95-9 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -hexadecyl- ω -hydroxy- (9CI) (CA INDEX NAME)

RN 9004-98-2 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -(9Z)-9-octadecenyl- ω -hydroxy- (9CI) (CA INDEX NAME)

REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L117 ANSWER 12 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:809312 CAPLUS

DOCUMENT NUMBER: 139:311935

TITLE: Cosmetic base compositions and cosmetic products containing biodegradable quaternary ammonium salts

INVENTOR(S): Yajima, Toshio; Ogawa, Kenji; Wakui, Kazuo; Koyama, Takashi

PATENT ASSIGNEE(S): Lion Corp., Japan; Lion Akzo Co., Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE:

Patent

LANGUAGE:

Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003292412	A2	20031015	JP 2002-102476	20020404
PRIORITY APPLN. INFO.:			JP 2002-102476	20020404

OTHER SOURCE(S): MARPAT 139:311935

ED Entered STN: 15 Oct 2003

AB Cosmetic base compns. contain $\text{R1CONHR2N}^+(\text{R3})_2\text{R4 X}^-$ ($\text{R1} = \text{C13-25}$ linear or branched alkyl, alkenyl; $\text{R2} = \text{C1-5}$ linear or branched alkylene; $\text{R3}, \text{R4} = \text{C1-3}$ alkyl, hydroxyalkyl; $\text{X}^- = \text{anion}$) 30-70, C14-24 aliphatic monohydric alcs. 15-69, and C1-3 aliphatic monohydric alcs. ≤ 15 weight%. Stearic acid dimethylaminopropylamide (300 g) was quaternized with 43 g MeCl in a mixture containing cetostearyl alc. (cetyl alc./stearyl alc. = 1/1) 121, EtOH 24, and NaHCO_3 3 g at 90-110° for 3 h, the reaction mixture was poured on a plate, and solidified at room temperature to give a flaky cosmetic base composition with good handling properties, containing stearamidopropyltrimethylammonium chloride 70, cetostearyl alc. 25, and EtOH 5 weight%. No thickening or bubbling of the reaction mixture was observed during the quaternization reaction. A hair conditioner containing 1.4 weight%

of

the base composition, higher alcs., polyols, silicones, etc., showed good hair-moisturizing effect.

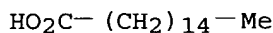
IT 57-10-3, Palmitic acid, reactions 57-11-4, Stearic acid, reactions 109-55-7 112-39-0, Methyl palmitate 112-61-8, Methyl stearate 112-85-6, Behenic acid

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of cosmetic base compns. containing biodegradable quaternary ammonium salts and aliphatic alcs. with good handling properties)

RN 57-10-3 CAPLUS

CN Hexadecanoic acid (9CI) (CA INDEX NAME)



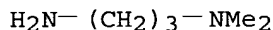
RN 57-11-4 CAPLUS

CN Octadecanoic acid (9CI) (CA INDEX NAME)



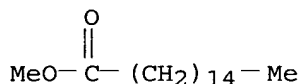
RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



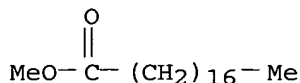
RN 112-39-0 CAPLUS

CN Hexadecanoic acid, methyl ester (9CI) (CA INDEX NAME)



RN 112-61-8 CAPLUS

CN Octadecanoic acid, methyl ester (9CI) (CA INDEX NAME)



RN 112-85-6 CAPLUS

CN Docosanoic acid (8CI, 9CI) (CA INDEX NAME)



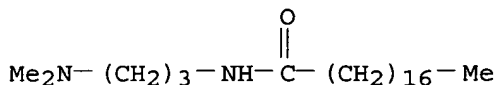
IT 7651-02-7P, Stearic acid 3-(dimethylaminopropyl)amide
39669-97-1P 60270-33-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

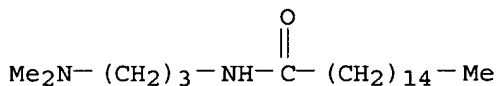
(preparation of cosmetic base compns. containing biodegradable quaternary

ammonium salts and aliphatic alcs. with good handling properties)

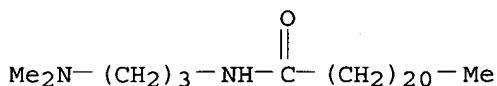
RN 7651-02-7 CAPLUS
CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 39669-97-1 CAPLUS
CN Hexadecanamide, N-[3-(dimethylamino)propyl]- (7CI, 9CI) (CA INDEX NAME)



RN 60270-33-9 CAPLUS
CN Docosanamide, N-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)



L117 ANSWER 13 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:559957 CAPLUS
DOCUMENT NUMBER: 139:119050
TITLE: Liquid laundry detergents having softening effect
INVENTOR(S): Isada, Junko; Toda, Masayuki; Kikukawa, Masazumi
PATENT ASSIGNEE(S): Lion Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.
CODEN: JKXXAF
DOCUMENT TYPE: **Patent**
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1,
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003206500	A2	20030722	JP 2002-6668	20020115

PRIORITY APPLN. INFO.: JP 2002-6668 20020115
ED Entered STN: 22 Jul 2003
AB Liquid laundry detergents contain nonionic surfactants (a) 10-50, long-chain amines (b) 0.5-5, and di-long-chain alkyl-type cationic surfactants (c) 0.1-5% at b/c molar ratios of 0.5-30. A liquid detergent (pH 7) containing ethoxylated Diadol alc. (ethoxylated tridecyl alc.) 45, C15H31CONH(CH2)3NMe2 1, AQ-210 (didecyldimethylammonium chloride) 0.3, EtOH 7, p-toluenesulfonic acid 5, Na benzoate 0.5, tri-Na citrate 0.2, dibutylhydroxytoluene 0.03, a perfume composition 0.2, Kathon CG (isothiazolone solution) 0.01, Acid Yellow 203 0.0001, H2SO4 or NaOH, and H2O to 100% showed high detergency, fabric-softening effect, and no precipitation or separation after 1-mo storage at 5° and did not cause yellowing of a cotton fabric.
IT 109-28-4P, N-[3-(Dimethylamino)propyl]oleamide 3179-80-4P

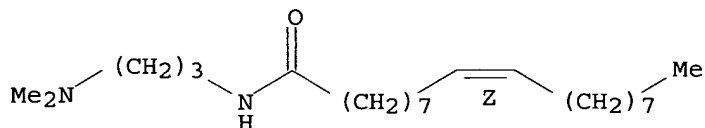
, N-[3-(Dimethylamino)propyl]lauramide **7651-02-7P**,
 N-[3-(Dimethylamino)propyl]stearamide **22890-10-4P**,
 N-[3-(Dimethylamino)propyl]caprylamide **22890-11-5P**,
 N-[3-(Dimethylamino)propyl]decanamide **39669-97-1P**,
 N-[3-(Dimethylamino)propyl]palmitamide **60270-33-9P**

RL: IMF (Industrial manufacture); MOA (Modifier or additive use); TEM
 (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (liquid laundry detergents having softening effect, containing nonionic
 surfactants, long-chain amines, and quaternary ammonium surfactants)

RN 109-28-4 CAPLUS

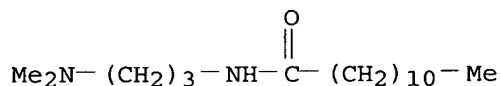
CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX
 NAME)

Double bond geometry as shown.



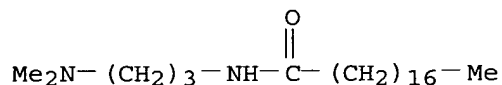
RN 3179-80-4 CAPLUS

CN Dodecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX
 NAME)



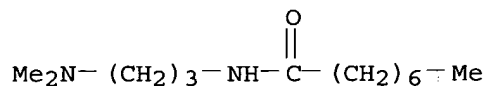
RN 7651-02-7 CAPLUS

CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA
 INDEX NAME)



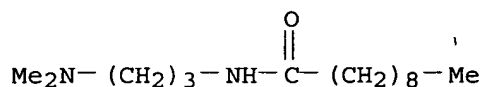
RN 22890-10-4 CAPLUS

CN Octanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX
 NAME)



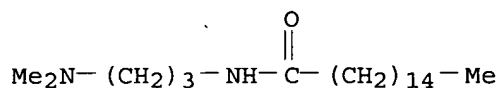
RN 22890-11-5 CAPLUS

CN Decanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX
 NAME)



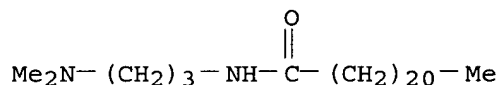
RN 39669-97-1 CAPLUS

CN Hexadecanamide, N-[3-(dimethylamino)propyl]- (7CI, 9CI) (CA INDEX NAME)



RN 60270-33-9 CAPLUS

CN Docosanamide, N-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)



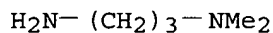
IT 109-55-7D, amides with C16-18 fatty acids

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(liquid laundry detergents having softening effect, containing nonionic surfactants, long-chain amines, and quaternary ammonium surfactants)

RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

IT 57-10-3, **Palmitic acid**, reactions 57-11-4,

Stearic acid, reactions 109-55-7 112-80-1,

Oleic acid, reactions 112-85-6, **Behenic acid**

RL: RCT (Reactant); RACT (Reactant or reagent)

(liquid laundry detergents having softening effect, containing nonionic surfactants, long-chain amines, and quaternary ammonium surfactants)

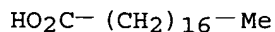
RN 57-10-3 CAPLUS

CN Hexadecanoic acid (9CI) (CA INDEX NAME)



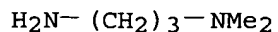
RN 57-11-4 CAPLUS

CN Octadecanoic acid (9CI) (CA INDEX NAME)



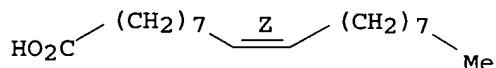
RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

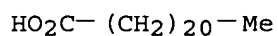


RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

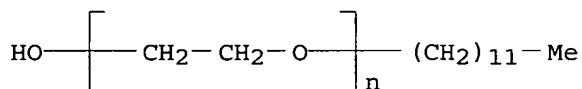
Double bond geometry as shown.



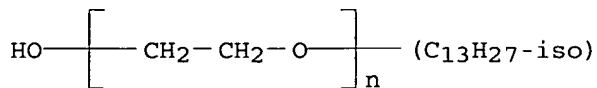
RN 112-85-6 CAPLUS
 CN Docosanoic acid (8CI, 9CI) (CA INDEX NAME)



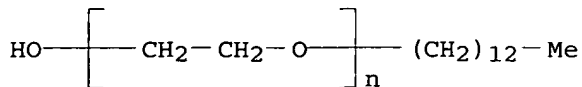
IT 9002-92-0, Polyethylene glycol dodecyl ether 9043-30-5,
 Lutensol TO 10 24938-91-8, Polyethylene glycol tridecyl ether
 RL: TEM (Technical or engineered material use); USES (Uses)
 (liquid laundry detergents having softening effect, containing nonionic
 surfactants, long-chain amines, and quaternary ammonium surfactants)
 RN 9002-92-0 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -dodecyl- ω -hydroxy- (9CI) (CA
 INDEX NAME)



RN 9043-30-5 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -isotridecyl- ω -hydroxy- (9CI) (CA
 INDEX NAME)



RN 24938-91-8 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- (9CI) (CA
 INDEX NAME)



L117 ANSWER 14 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:559101 CAPLUS
 DOCUMENT NUMBER: 139:119049
 TITLE: Discoloration-preventive liquid detergent compositions

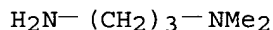
for fabric articles
 INVENTOR(S): Toda, Masayuki; Isada, Junko; Kikukawa, Masazumi
 PATENT ASSIGNEE(S): Lion Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003206495	A2	20030722	JP 2002-6669	20020115
JP 3611034	B2	20050119		

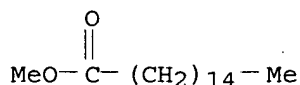
PRIORITY APPLN. INFO.: JP 2002-6669 20020115
 OTHER SOURCE(S): MARPAT 139:119049
 ED Entered STN: 22 Jul 2003
 AB The compns. for garments, etc., comprise (a) nonionic surfactants 10-50, (b) R1NR2R3A [R1, R2 = C1-4 linear or branched (hydroxy)alkyl; R3 = C1-4 linear or branched alkylene; A = NHCOR4, O2CR5; R4, R5 = C11-23 linear or branched alkyl or alkenyl] 0.1-10, and (c) C4-10 aromatic sulfonic acids or their salts 0.5-20%. Thus, an aqueous composition C13H27O(EO)15H (EO = ethylene oxide), C15H31CONH(CH2)3NMe2, p-toluenesulfonic acid, and additives showed good detergency and storage stability.
 IT 57-10-3, **Palmitic acid**, reactions 109-55-7
 112-39-0, Methyl palmitate 112-80-1, **Oleic acid**, reactions 112-85-6, **Behenic acid** 544-63-8, **Myristic acid**, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (amine preparation from; discoloration-preventive liquid detergent compns. containing nonionic surfactants, amines, and sulfonates for fabric articles)
 RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)



RN 109-55-7 CAPLUS
 CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

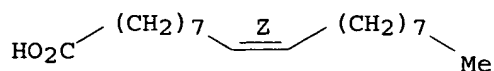


RN 112-39-0 CAPLUS
 CN Hexadecanoic acid, methyl ester (9CI) (CA INDEX NAME)



RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

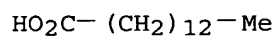
Double bond geometry as shown.



RN 112-85-6 CAPLUS
 CN Docosanoic acid (8CI, 9CI) (CA INDEX NAME)

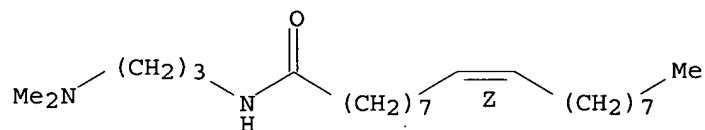


RN 544-63-8 CAPLUS
 CN Tetradecanoic acid (9CI) (CA INDEX NAME)

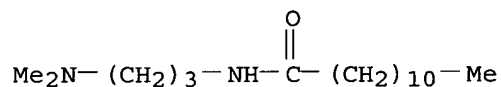


IT 109-28-4P 3179-80-4P 7651-02-7P
 39669-97-1P 45267-19-4P 60270-33-9P
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (discoloration-preventive liquid detergent compns. containing nonionic surfactants, amines, and sulfonates for fabric articles)
 RN 109-28-4 CAPLUS
 CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX NAME)

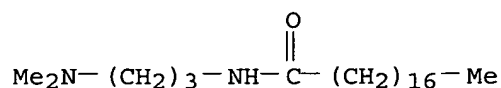
Double bond geometry as shown.



RN 3179-80-4 CAPLUS
 CN Dodecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

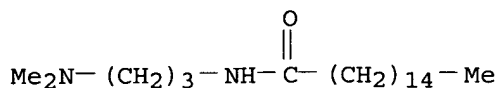


RN 7651-02-7 CAPLUS
 CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



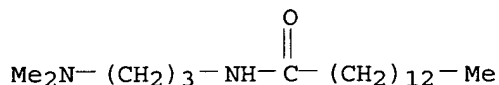
RN 39669-97-1 CAPLUS

CN Hexadecanamide, N-[3-(dimethylamino)propyl]- (7CI, 9CI) (CA INDEX NAME)



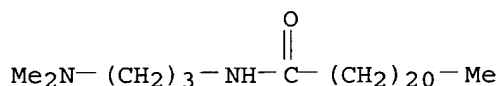
RN 45267-19-4 CAPLUS

CN Tetradecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 9CI) (CA INDEX NAME)



RN 60270-33-9 CAPLUS

CN Docosanamide, N-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)



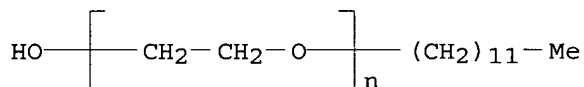
IT 9002-92-0, Polyethylene glycol dodecyl ether 9043-30-5, Lutensol TO 10 24938-91-8, Polyethylene glycol tridecyl ether

RL: TEM (Technical or engineered material use); USES (Uses)

(nonionic surfactant; discoloration-preventive liquid detergent compns. containing nonionic surfactants, amines, and sulfonates for fabric articles)

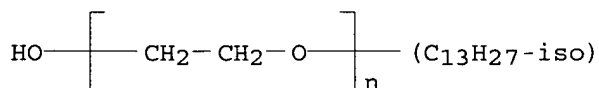
RN 9002-92-0 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -dodecyl- ω -hydroxy- (9CI) (CA INDEX NAME)



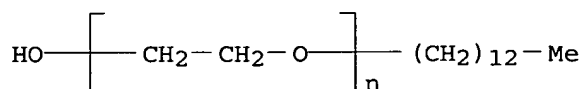
RN 9043-30-5 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -isotridecyl- ω -hydroxy- (9CI) (CA INDEX NAME)



RN 24938-91-8 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- (9CI) (CA INDEX NAME)



L117 ANSWER 15 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:412032 CAPLUS

DOCUMENT NUMBER: 139:8465

TITLE: Softening agent compositions imparting wrinkle prevention effect on clothing

INVENTOR(S): Hayashi, Hiromitsu; Ushio, Noriaki; Tagata, Shuji

PATENT ASSIGNEE(S): Kao Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003155667	A2	20030530	JP 2001-355902	20011121
PRIORITY APPLN. INFO.:			JP 2001-355902	20011121

OTHER SOURCE(S): MARPAT 139:8465

ED Entered STN: 30 May 2003

AB The compns. contain (A) compds. bearing amino groups and/or quaternary ammonium groups and one C8-36 hydrocarbyl group, (B) nonionic surfactants bearing C16-36 hydrocarbyl group and SO3M and/or OSO3M (M = counter ion), and (C) silicones at A/B molar ratio of 9/1-4/6. Thus, a cotton shirt washed with a weakly-basic detergent and rinsed with a composition containing

19

parts mixture of N-(3-dimethylaminopropyl) palmitamide and N-(3-dimethylaminopropyl) stearamide, 6 parts sodium stearylsulfonate, and 2 parts Me3OSi(SiMe2O)300[SiMe[(CH2)3NHC(=O)CH2O(CH2O)5C12H25]O]m[SiMe[(CH2)3NH2]O]n[SiMe[(CH2)3O(C2H4O)10Me]O]4SiMe3 (m + n = 7), giving soft touch and smooth feel.

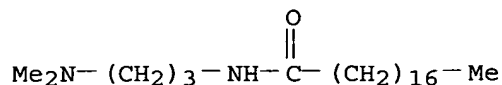
IT 7651-02-7P, N-(3-Dimethylaminopropyl) stearamide
39669-97-1P, N-(3-Dimethylaminopropyl) palmitamide

RL: IMF (Industrial manufacture); RCT (Reactant); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent);
USES (Uses)

(softening agent compns. imparting wrinkle prevention effect on clothing)

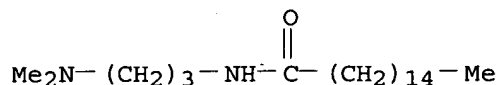
RN 7651-02-7 CAPLUS

CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 39669-97-1 CAPLUS

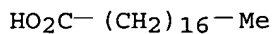
CN Hexadecanamide, N-[3-(dimethylamino)propyl]- (7CI, 9CI) (CA INDEX NAME)



IT 57-10-3, Palmitic acid, reactions 57-11-4,
 Stearic acid, reactions 109-28-4, N-(3-Dimethylaminopropyl)
 oleamide 109-55-7, N,N-Dimethyl-1,3-propanediamine
 112-80-1, Oleic acid, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (softening agent compns. imparting wrinkle prevention effect on
 clothing)
 RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)

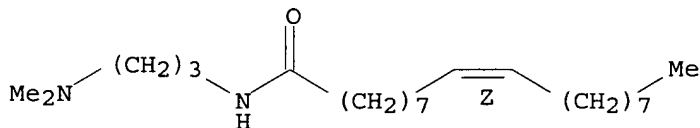


RN 57-11-4 CAPLUS
 CN Octadecanoic acid (9CI) (CA INDEX NAME)

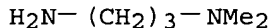


RN 109-28-4 CAPLUS
 CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

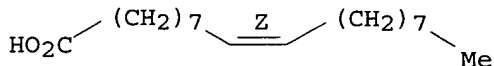


RN 109-55-7 CAPLUS
 CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L117 ANSWER 16 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:196409 CAPLUS

DOCUMENT NUMBER: 138:226378
 TITLE: Storage-stable milky cosmetics containing surfactants and polymers
 INVENTOR(S): Iwamoto, Tsutomu; Watanabe, Koichi
 PATENT ASSIGNEE(S): Lion Corp., Japan; Saiden Chemical Industry Co., Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 22 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003073221	A2	20030312	JP 2001-264033	20010831
PRIORITY APPLN. INFO.:			JP 2001-264033	20010831

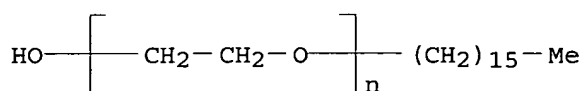
ED Entered STN: 12 Mar 2003

AB The cosmetics contain (a) H₂O, (b) anionic surfactants, cationic surfactants, nonionic surfactants, amphoteric surfactants, semipolar surfactants, and/or polymers, and (c) milky agents comprising aqueous polymer dispersions (average particle size 0.1-0.3 μm) prepared by emulsion polymerization of styrene-based monomer mixts. in aqueous solns. containing water-soluble or -dispersible copolymers having hydrophobic groups and carboxyl groups and alkyl ether-type nonionic surfactants (number of oxyalkylene units 20-150). Styrene (98 weight parts) was copolymd. with 2 weight parts acrylamide in an aqueous solution containing SMA 1000A (styrene-maleic anhydride copolymer), NH₄OH, Leocol TDA 400-75 (polyoxyethylene alkyl ether-type nonionic surfactant), and (NH₄)₂S₂O₈ to give a milky agent (average particle size 0.18 μm). A cosmetic containing K laurate 9.0, K myristate 9.0, K oleate 1.0, Obazoline LB-SF (betaine lauryldimethylaminoacetate) 3.0, Emalex 703 (polyoxyethylene lauryl ether) 1.0, Leoal MS 100 (alkyl acrylate copolymer) 0.3, the milky agent 0.5 weight%, etc., showed good appearance and no precipitation of styrene copolymer particles after 3-mo storage at 50° or after freezing-thawing cycles.

IT 9004-95-9, Polyoxyethylene cetyl ether
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (Emalex 116, Emalex 102, Emalex 130; milky cosmetics containing surfactants and/or polymers and emulsion-polymerized styrene polymer particles with good dispersion stability)

RN 9004-95-9 CAPLUS

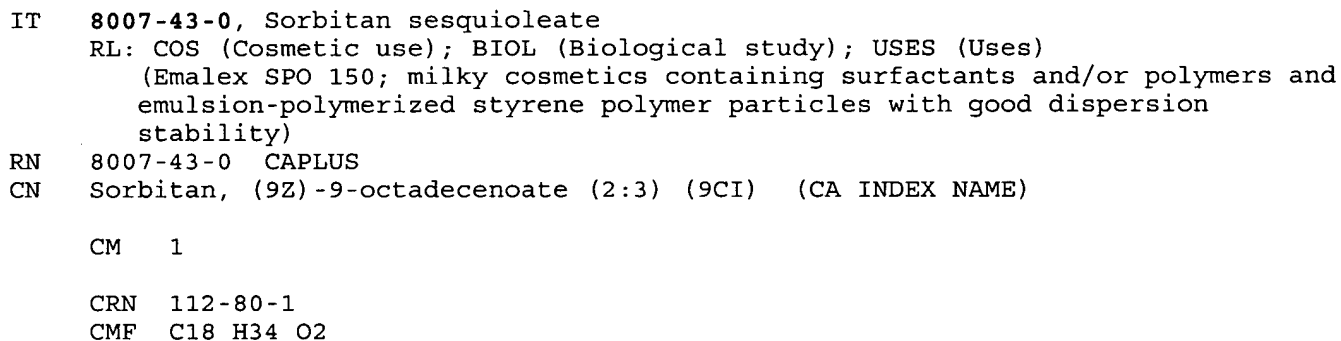
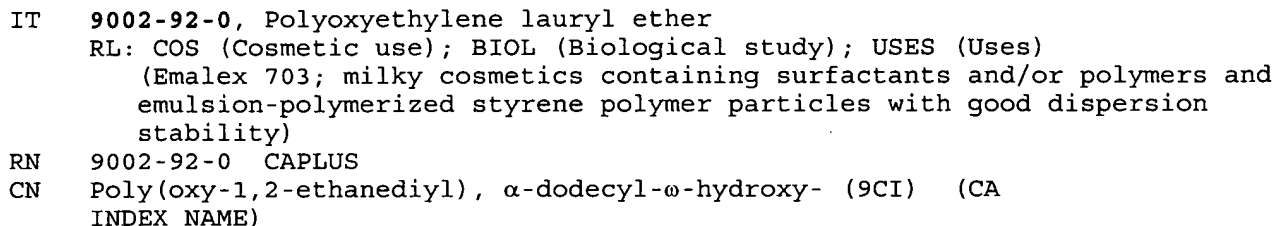
CN Poly(oxy-1,2-ethanediyl), α-hexadecyl-ω-hydroxy- (9CI) (CA INDEX NAME)



IT 9005-00-9, Polyoxyethylene stearyl ether
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (Emalex 608, Emalex 603, Emalex 640; milky cosmetics containing surfactants and/or polymers and emulsion-polymerized styrene polymer particles with good dispersion stability)

RN 9005-00-9 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α-octadecyl-ω-hydroxy- (9CI) (CA INDEX NAME)


$$\text{HO}_2\text{C}-(\text{CH}_2)_7-\text{Z}-(\text{CH}_2)_7-\text{Me}$$

CM 2

CRN 12441-09-7

CMF C6 H12 O5

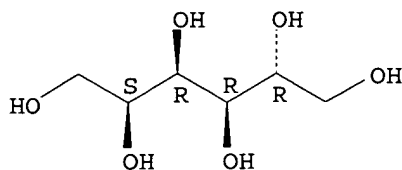
CCI IDS

CM 3

CRN 50-70-4

CMF C6 H14 O6

Absolute stereochemistry.

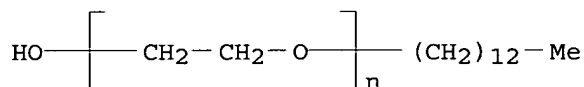


IT 24938-91-8, Leocol TD 700F

RL: COS (Cosmetic use); MOA (Modifier or additive use); NUU (Other use, unclassified); BIOL (Biological study); USES (Uses)
(Leocol TD 700F, for emulsion polymerization and dispersion stability; milky cosmetics containing surfactants and/or polymers and emulsion-polymerized styrene polymer particles with good dispersion stability)

RN 24938-91-8 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- (9CI) (CA INDEX NAME)

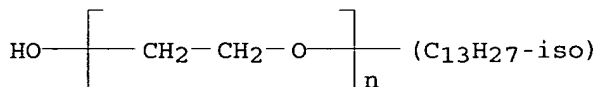


IT 9043-30-5, Polyethylene glycol isotridecyl ether

RL: COS (Cosmetic use); MOA (Modifier or additive use); NUU (Other use, unclassified); BIOL (Biological study); USES (Uses)
(Leocol TDA 400-75, for emulsion polymerization and dispersion stability; milky cosmetics containing surfactants and/or polymers and emulsion-polymerized styrene polymer particles with good dispersion stability)

RN 9043-30-5 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -isotridecyl- ω -hydroxy- (9CI) (CA INDEX NAME)



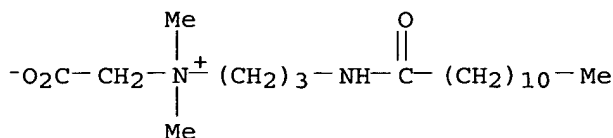
IT 4292-10-8, Enagicol L 30B 7651-02-7, Catinal MPAS

9004-98-2, Polyoxyethylene oleyl ether 32128-65-7, Emalex OD 5 676168-27-7, Aculyl 22

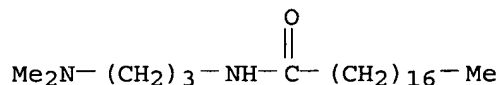
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(milky cosmetics containing surfactants and/or polymers and emulsion-polymerized styrene polymer particles with good dispersion stability)

RN 4292-10-8 CAPLUS

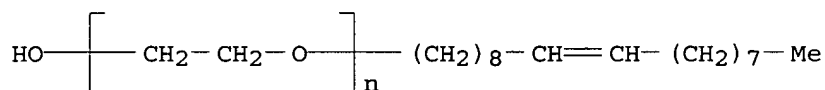
CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxododecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



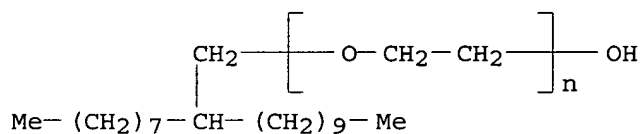
RN 7651-02-7 CAPLUS
 CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 9004-98-2 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -(9Z)-9-octadecenyl- ω -hydroxy- (9CI) (CA INDEX NAME)



RN 32128-65-7 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -(2-octyldodecyl)- ω -hydroxy- (9CI) (CA INDEX NAME)



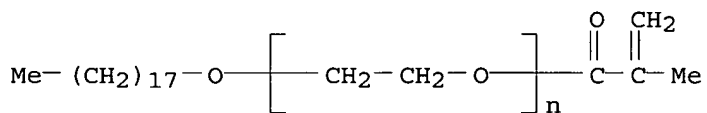
RN 676168-27-7 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and α -(2-methyl-1-oxo-2-propenyl)- ω -(octadecyloxy)poly(oxy-1,2-ethanediyl), graft (9CI) (CA INDEX NAME)

CM 1

CRN 52352-43-9

CMF (C2 H4 O)_n C22 H42 O2

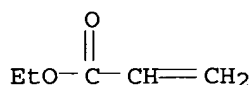
CCI PMS



CM 2

CRN 140-88-5

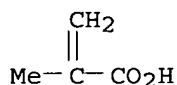
CMF C5 H8 O2



CM 3

CRN 79-41-4

CMF C4 H6 O2



L117 ANSWER 17 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:31216 CAPLUS

DOCUMENT NUMBER: 136:90707

TITLE: Skin conditioning compositions containing compounds for mimicking the effect of retinoic acid on skin

INVENTOR(S): Granger, Stewart Paton; Scott, Ian Richard; Donovan, Robert Mark; Iobst-Teklits, Susanne; Licameli, Lisa

PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited

SOURCE: PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002074	A2	20020110	WO 2001-EP7234	20010625
WO 2002002074	A3	20030612		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2412788	AA	20020110	CA 2001-2412788	20010625
AU 2001079687	A5	20020114	AU 2001-79687	20010625
EP 1333800	A2	20030813	EP 2001-957886	20010625
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001012142	A	20031007	BR 2001-12142	20010625
JP 2004501952	T2	20040122	JP 2002-506696	20010625
CN 1662216	A	20050831	CN 2001-814860	20010625
ZA 2002010288	A	20031219	ZA 2002-10288	20021219
US 2004043044	A1	20040304	US 2003-312659	20030811
PRIORITY APPLN. INFO.:			US 2000-215301P	P 20000630
			WO 2001-EP7234	W 20010625

ED Entered STN: 11 Jan 2002

AB A skin care product comprising about 0.001-10% of a retinoid, in combination with at least two retinoid boosters (0.0001-50%). Retinoid boosters are selected from fatty acid amides, carotenoids, flavonoids, non-cyclic fragrance compds., phospholipid analogs, ureas, phosphatidylcholines, phosphatidylethanolamines, sphingomyelins, fatty acids, linseed oil, elaidic acid, bifonazole, climbazole, clotrimazole, econazole, quercetin, coumarin, quinolines, isoquinolines, etc. A composition according to the invention is intended primarily as a product for topical application to human skin, especially as an agent for conditioning and smoothening the skin, and preventing or reducing the appearance of wrinkled or aged skin. In use, a small quantity of the composition is applied to exposed areas of the skin, from a suitable container or applicator and, if necessary, it is then spread over and/or rubbed into the skin using the hand or fingers or a suitable device. For example, a synergistic inhibition of transglutaminase, as a marker of skin differentiation, was observed by retinol with various quaternary combinations of retinoid boosters, e.g., acetyl sphingosine, phosphatidylcholine, **linoleic acid**, and climbazole.

IT 60-33-3, **Linoleic Acid**, biological studies

112-79-8, Elaidic acid 463-40-1, **Linolenic**

Acid 506-32-1, Arachidonic acid 544-63-8,

Myristic Acid, biological studies 30399-84-9, Isostearic

acid 36574-66-0D, N-coco acyl derivs. 81613-56-1

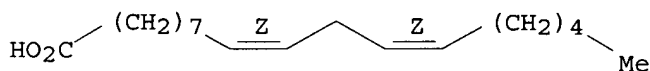
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(skin conditioning compns. containing retinoids and compds. mimicking effect of retinoic acid)

RN 60-33-3 CAPLUS

CN 9,12-Octadecadienoic acid (9Z,12Z)- (9CI) (CA INDEX NAME)

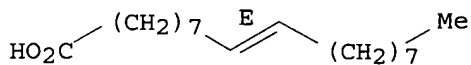
Double bond geometry as shown.



RN 112-79-8 CAPLUS

CN 9-Octadecenoic acid, (9E)- (9CI) (CA INDEX NAME)

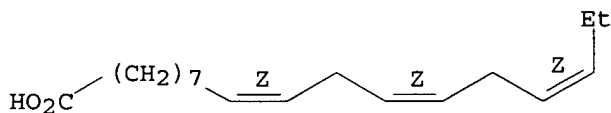
Double bond geometry as shown.



RN 463-40-1 CAPLUS

CN 9,12,15-Octadecatrienoic acid, (9Z,12Z,15Z)- (9CI) (CA INDEX NAME)

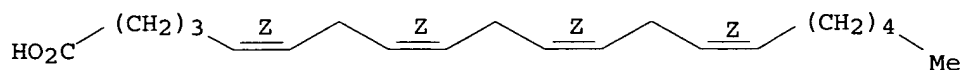
Double bond geometry as shown.



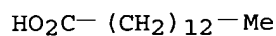
RN 506-32-1 CAPLUS

CN 5,8,11,14-Eicosatetraenoic acid, (5Z,8Z,11Z,14Z)- (9CI) (CA INDEX NAME)

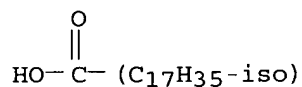
Double bond geometry as shown.



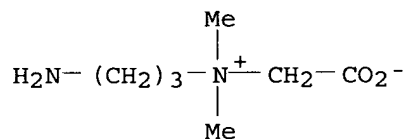
RN 544-63-8 CAPLUS
CN Tetradecanoic acid (9CI) (CA INDEX NAME)



RN 30399-84-9 CAPLUS
CN Isooctadecanoic acid (7CI, 8CI, 9CI) (CA INDEX NAME)

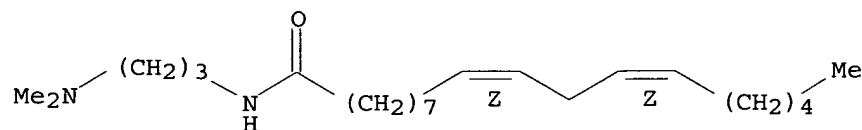


RN 36574-66-0 CAPLUS
CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
(CA INDEX NAME)



RN 81613-56-1 CAPLUS
CN 9,12-Octadecadienamide, N-[3-(dimethylamino)propyl]-, (9Z,12Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L117 ANSWER 18 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:901279 CAPLUS
DOCUMENT NUMBER: 138:5881
TITLE: Softener for fabric with good feel and deodorant effect
INVENTOR(S): Ushio, Noriaki; Hayashi, Hiromitsu; Tagata, Shuji
PATENT ASSIGNEE(S): Kao Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002339249	A2	20021127	JP 2001-141362	20010511
PRIORITY APPLN. INFO.:			JP 2001-141362	20010511
OTHER SOURCE(S): MARPAT 138:5881				
ED Entered STN: 27 Nov 2002				
AB The softener comprises (a) compds. having amino group or quaternary ammonium group and C13-36 hydrocarbyl, (b) anionic surfactants with C16-36 hydrocarbyl and SO ₃ M and/or OSO ₃ M group (M = counter ion), and (c) antibacterial agents, with (a)/(b) mol ratio 9/1-4/6. A softener contained (2-hydroxyethyl)dimethylamine mixed ester (I) with palmitic acid and stearic acid 16, I-MeCl quaternized salt 1, stearyl sulfate Na salt 4, (cocoalkyl)benzyl dimethylammonium chloride 2, stearic 0.1, polyoxyethylene alkyl ether 3, NaCl 0.02, ethylene glycol 2, Excel 150 0.1, silicone (TSF 4452) 0.5, Acid Blue 9 0.0003, perfumes 0.5, and water to 100%.				
IT 57-10-3DP, Palmitic acid, mixed esters or amides				
57-11-4DP, Stearic acid, mixed esters or amides 109-28-4P				
109-55-7DP, N,N-Dimethyl-1,3-propanediamine, mixed stearic palmitic amides				
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
(softener composition for fabric with good feel and deodorant effect)				
RN 57-10-3 CAPLUS				
CN Hexadecanoic acid (9CI) (CA INDEX NAME)				

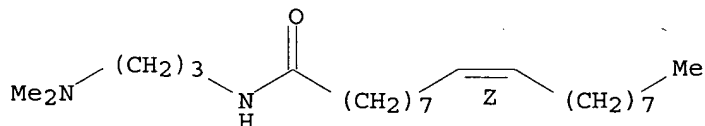
HO₂C-(CH₂)₁₄-Me

RN 57-11-4 CAPLUS
CN Octadecanoic acid (9CI) (CA INDEX NAME)

HO₂C-(CH₂)₁₆-Me

RN 109-28-4 CAPLUS
CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 109-55-7 CAPLUS
CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

H₂N-(CH₂)₃-NMe₂

L117 ANSWER 19 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:944531 CAPLUS

DOCUMENT NUMBER: 138:14862

TITLE: Softener composition

INVENTOR(S): Ushio, Noriaki; Yamamoto, Atsushi; Tagata, Shuji

PATENT ASSIGNEE(S): Kao Corporation, Japan

SOURCE: Eur. Pat. Appl., 24 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1264874	A1	20021211	EP 2002-12375	20020606
EP 1264874	B1	20050302		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2003060389	A1	20030327	US 2002-162877	20020606
US 6838427	B2	20050104		
ES 2234949	T3	20050701	ES 2002-2012375	20020606
JP 2003155668	A2	20030530	JP 2002-167184	20020607
US 2005090423	A1	20050428	US 2004-995297	20041124
PRIORITY APPLN. INFO.:			JP 2001-174057	A 20010608
			JP 2001-271594	A 20010907
			US 2002-162877	A3 20020606

OTHER SOURCE(S): MARPAT 138:14862

ED Entered STN: 13 Dec 2002

AB A softener composition comprises (a) 3-40% compound R1(AR2)aNR3R4 or R5(BR6)bN+R7R8R9Y-, (b) 1-20% compound R10(DR11)cN(R14)(ER13)dR12 or R19R20N+(FR16)eR15(GR18)fR17 and (c) 0.5-30% specific anionic surfactant, where the mole ratio between the component (a), the component (b) and the component (c) satisfies the following relation: [(a) + (b)]/(c) = 9/1 to 4/6; and where R1 and R5 = C13-36 alkyl; R10, R12, R15 and R17 = C8-36 alkyl; R2, R6, R11, R13, R16 and R18 = C1-6 alkylene; R3, R4, R7, R8, R9, R14, R19 and R20 = C1-3 alkyl; A, B, D, E, F and G = COO, CONH; a-f = 0 or 1; and Y- and Z- = anionic group. An example softener contained 50/50 mixture of **palmitic** acid/stearic acid esters with N-hydroxyethyl-N,N-dimethylamine (preparation given) 16,

N,N-distearoyloxyethyl-

N-methylamine (preparation given) 3, sodium stearyl sulfate 4, stearic acid 0.3, ethoxylated alc. 3, NaCl 0.02, EtOH 1, Exel 150 0.1, silicone 0.5, Acid Blue 9 0.0003, perfume 0.5 parts and the balance water.

IT 109-28-4P 7651-02-7P

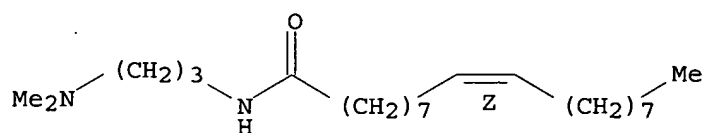
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(mixture with anionic surfactant for fabric softeners)

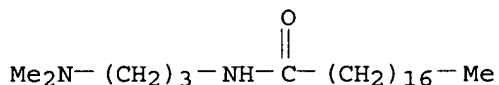
RN 109-28-4 CAPLUS

CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



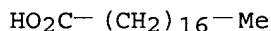
RN 7651-02-7 CAPLUS
 CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



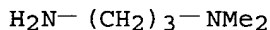
IT 57-10-3, **Palmitic acid**, reactions 57-11-4,
 Stearic acid, reactions 109-55-7, N,N-Dimethyl-1,3-
 propanediamine 112-80-1, **Oleic acid**, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (mixture with anionic surfactant for fabric softeners)
 RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)



RN 57-11-4 CAPLUS
 CN Octadecanoic acid (9CI) (CA INDEX NAME)

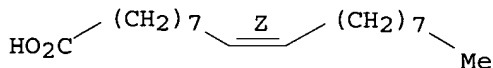


RN 109-55-7 CAPLUS
 CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

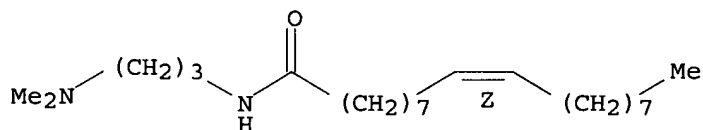
L117 ANSWER 20 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:792147 CAPLUS
 DOCUMENT NUMBER: 137:296168

TITLE: Fabric softener composition containing amino compounds and anionic surfactants
 INVENTOR(S): Ushio, Noriaki; Yamamoto, Atsushi; Tagata, Shuji; Ogura, Nobuyuki
 PATENT ASSIGNEE(S): Kao Corporation, Japan
 SOURCE: Eur. Pat. Appl., 25 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1249488	A1	20021016	EP 2002-8103	20020410
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2002371468	A2	20021226	JP 2001-236377	20010803
JP 3676269	B2	20050727		
JP 2002371469	A2	20021226	JP 2001-236378	20010803
JP 3676270	B2	20050727		
US 2002198129	A1	20021226	US 2002-114949	20020404
US 6770617	B2	20040803		
PRIORITY APPLN. INFO.:			JP 2001-112692	A 20010411
			JP 2001-112693	A 20010411
			JP 2001-236377	A 20010803
			JP 2001-236378	A 20010803

OTHER SOURCE(S): MARPAT 137:296168
 ED Entered STN: 18 Oct 2002
 AB The title softener composition comprises (α) an amino compound or a quaternary ammonium-having compound, (β) an anionic surfactant and water, (α) and (β) being specified below as (I) or (II), at a mole ratio of (α)/(β) ranging from 9/1 to 4/6, further comprising an organic solvent having a log P of 0.2 to 3.0 when (α) and (β) are specified as (I): (I) (a) a compound having one group selected from an amino group and a quaternary ammonium group and one hydrocarbon group having 8 to 36 carbon atoms in its mol. and (b) an anionic surfactant having a hydrocarbon group having 14 to 36 hydrocarbons and a -SO₃M group and/or a -OSO₃M group, M being a counter ion, in its mol., or (II) (a") a compound having one group selected from an amino group and a quaternary ammonium group and one hydrocarbon group having 8 to 36 carbon atoms in its mol. and (b") an anionic surfactant having a hydrocarbon group having 8 to 36 carbon atoms and a -SO₃M group and/or a -OSO₃M group, M being a counter ion, in its mol. wherein at least one of (a") and (b") contains a hydrocarbon group selected from (1) a hydrocarbon group having one or more unsatd. bonds and 8 to 36 carbon atoms and (2) a branched alkyl group having 8 to 36 carbon atoms. A composition contained N-hydroxyethyl-N,N-dimethylamine palmitate stearate, Na stearyl sulfate, and solvents and additives.
 IT 109-28-4P
 RL: IMF (Industrial manufacture); RCT (Reactant); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (fabric softener composition containing amino compds. and anionic surfactants)
 RN 109-28-4 CAPLUS
 CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



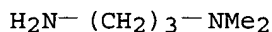
IT 57-10-3DP, Palmitic acid, amides with N,N-dimethyl-1,3-propanediamine and stearic acid 57-11-4DP, Stearic acid, amides with N,N-dimethyl-1,3-propanediamine and **palmitic acid** 109-55-7DP, N,N-Dimethyl-1,3-propanediamine, amides with stearic acid and **palmitic acid** 7651-02-7P
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (fabric softener composition containing amino compds. and anionic surfactants)
 RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)



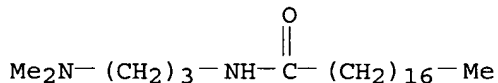
RN 57-11-4 CAPLUS
 CN Octadecanoic acid (9CI) (CA INDEX NAME)



RN 109-55-7 CAPLUS
 CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



RN 7651-02-7 CAPLUS
 CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



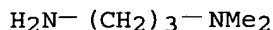
IT 57-10-3, **Palmitic acid**, reactions 57-11-4, Stearic acid, reactions 109-55-7, N,N-Dimethyl-1,3-propanediamine 112-61-8, Methyl stearate 112-80-1, **Oleic acid**, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (fabric softener composition containing amino compds. and anionic surfactants)
 RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)



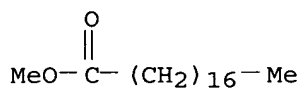
RN 57-11-4 CAPLUS
CN Octadecanoic acid (9CI) (CA INDEX NAME)



RN 109-55-7 CAPLUS
CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

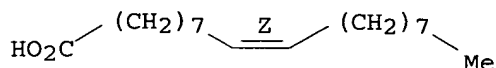


RN 112-61-8 CAPLUS
CN Octadecanoic acid, methyl ester (9CI) (CA INDEX NAME)



RN 112-80-1 CAPLUS
CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L117 ANSWER 21 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:434830 CAPLUS
DOCUMENT NUMBER: 135:66028
TITLE: Preparation of stabilized antimicrobial systems containing alcohol and metal oxides
INVENTOR(S): Jampani, Hanuman; Holly, Thomas F.; Newman, Jerry L.
PATENT ASSIGNEE(S): Ethicon, Inc., USA
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2001041727	A1	20010614	WO 2000-US34008	20001213
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,				

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 CA 2362613 AA 20010614 CA 2000-2362613 20001213
 EP 1152741 A1 20011114 EP 2000-984412 20001213
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, IE, SI,
 LT, LV, FI, RO
 JP 2003516338 T2 20030513 JP 2001-542895 20001213
 AU 784586 B2 20060504 AU 2001-21034 20001213
 PRIORITY APPLN. INFO.: US 1999-460012 A 19991213
 WO 2000-US34008 W 20001213

ED Entered STN: 15 Jun 2001

AB The present invention relates to high alc.-containing antimicrobial compns. with improved stability of appearance and with methods of producing the same. An antimicrobial composition comprises at least .apprx.50% volume/volume alc., an effective amount of a hydrophilic oil, an effective amount of a cationic antimicrobial compound, and an effective amount of a metal oxide, e.g., titanium dioxide and zinc oxide. The composition further comprises effective amts. of humectants, phospholipids, and surfactants. A cationic antimicrobial compds. are selected from the group consisting of benzalkonium chloride, Me benzethonium chloride, benzethonium chloride, cetrimonium chloride, cetylpyridium chloride, polyhexamethylene biguanide, and chlorhexidine gluconate. For example, an antimicrobial gel was prepared containing (by weight%) water 26.24, EtOH 21.90, ProH 26.8, glycerol 5.0, propylene glycol 5.0, Plantaren 2000 3.60, Mackam CBS-50G 2.40, benzethonium chloride 1.0, Phospholipid CDM 1.50, PPG-40 diethylmonium chloride (Emcol CC-42) 1.20, hydroxypropyl cellulose 1.10, phenoxyethanol 1.00, glyceryl laurate 1.00, cetrimonium chloride (Varisoft 300) 0.86, isolene 0.50, Lambent Quat AD 0.50, fragrance 0.15, cetylpyridinium 0.10, ZnO 0.10, and Silsoft PEDM 0.05.

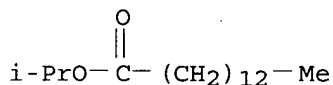
IT 110-27-0, Isopropyl myristate 36574-66-0D, N-coco acyl derivs.

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(preparation of alc.-containing antimicrobial compns. containing metal oxides as stabilizing agents)

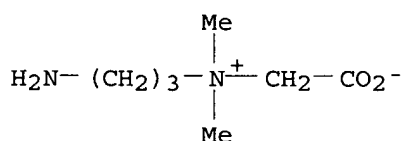
RN 110-27-0 CAPLUS

CN Tetradecanoic acid, 1-methylethyl ester (9CI) (CA INDEX NAME)



RN 36574-66-0 CAPLUS

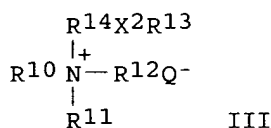
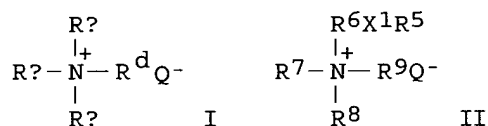
CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L117 ANSWER 22 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:666676 CAPLUS
 DOCUMENT NUMBER: 135:231512
 TITLE: Hair treatment composition containing quaternary ammonium salts
 INVENTOR(S): Oota, Atsushi; Wakahara, Yoshiyuki; Sato, Shin; Kasai, Masahiro
 PATENT ASSIGNEE(S): Sanyo Chemical Industries Ltd., Japan
 SOURCE: U.S., 20 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6287547	B1	20010911	US 1999-417010	19991012
PRIORITY APPLN. INFO.:			US 1999-417010	19991012
OTHER SOURCE(S):	MARPAT 135:231512			
ED Entered STN: 12 Sep 2001				
GI				



AB A hair treatment composition which comprises an aqueous solution or an aqueous dispersion

of at least one quaternary ammonium salt (A) represented by the general formula (I), (II) or (III): wherein Ra represents an organic group containing 6 to 32 carbon atoms, Rb and Rc are the same or different and each represents an organic group containing 1 to 32 carbon atoms, Rd represents an organic group containing 1 to 4 carbon atoms, and Q- represents an ammonia acid anion; wherein X1 represents an ester group; R5 represents an alkyl, alkenyl or hydroxyalkyl group and R6 represents an alkylene, alkenylene or hydroxyalkylene group, the sum of carbon atoms contained in R5 and R6 being 6 to 32, R7 and R8 are the same or different and each represents a group of the formula R5-X1-R6-, an alkyl group containing 1 to 4 carbon atoms or a hydroxyalkyl group containing 2 to 4 carbon atoms. R9 represents an alkyl group containing 1 to 4 carbon atoms or a hydroxyalkyl group containing

2 to

4 carbon atoms, and Q- represents an amino acid anion; wherein X2 represents an amide group, R13 represents an alkyl, alkenyl or hydroxyalkyl group and R14 represents an alkylene, alkenylene or

hydroxyalkylene group, the sum of carbon atoms contained in R13 and R14 being 6 to 32, R10 and R11 are the same or different and each represents a group of the formula R13-X2-R14-, a group of the formula R5.apprx.X1-R6-, an alkyl group containing 1 to 4 carbon atoms or a hydroxyalkyl group containing 2

to 4 carbon atoms, X1 represents an ester group, R5 represents an alkyl, alkenyl or hydroxyalkyl group and R6 represents an alkylene, alkenylene or hydroxyalkylene group, the sum of carbon atoms contained in R5 and R6 being 6 to 32, R12 represents an alkyl group containing 1 to 4 carbon atoms or a hydroxyalkyl group containing 2 to 4 carbon atoms, and Q- represents an amino acid anion is provided. An agitating type autoclave was charged with 99 g of di-Me carbonate, 353 g of behenyldimethylamine and 170 g of methanol, and the reaction was allowed to proceed at a reaction temperature of 110 to 130° for 12 h with stirring. Then, 147 g of glutamic acid was charged and the salt exchange reaction was effected while allowing decarboxylation to proceed at a reaction temperature of 60 to 80°.

Thereafter, 1,542 g of water was added and the methanol and unreacted di-Me carbonate were removed in a nitrogen atmospheric Adjustment of the pH

to 5

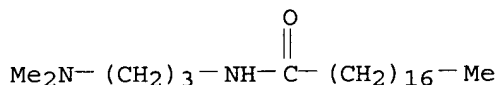
with citric acid gave the glutamic acid salt of a quaternary ammonium compound Formulation of a hair preparation containing above quaternary ammonium salt was disclosed.

IT 7651-02-7P 60270-33-9P

RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(hair treatment composition containing quaternary ammonium salts)

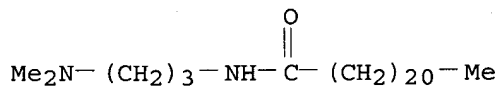
RN 7651-02-7 CAPLUS

CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 60270-33-9 CAPLUS

CN Docosanamide, N-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)



IT 57-11-4, Stearic acid, reactions 109-55-7

112-85-6, Behenic acid

RL: RCT (Reactant); RACT (Reactant or reagent)

(hair treatment composition containing quaternary ammonium salts)

RN 57-11-4 CAPLUS

CN Octadecanoic acid (9CI) (CA INDEX NAME)



RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

H₂N- (CH₂)₃-NMe₂

RN 112-85-6 CAPLUS
CN Docosanoic acid (8CI, 9CI) (CA INDEX NAME)

HO₂C- (CH₂)₂₀-Me

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L117 ANSWER 23 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:312446 CAPLUS
DOCUMENT NUMBER: 134:340845
TITLE: Silicone-modified phospholipid compositions
INVENTOR(S): Fost, Dennis L.; Berger, Abe
PATENT ASSIGNEE(S): Mona Industries, Inc., USA
SOURCE: U.S., 13 pp., Cont.-in-part of U.S. 5,405,983.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6225489	B1	20010501	US 1994-358207	19941216
US 5405983	A	19950411	US 1993-174934	19931228
WO 9518096	A1	19950706	WO 1994-US14953	19941222
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 737183	A1	19961016	EP 1995-906133	19941222
EP 737183	B1	20010926		
R: CH, DE, ES, FR, GB, IT, LI, NL, SE				
ES 2162909	T3	20020116	ES 1995-906133	19941222
PRIORITY APPLN. INFO.:			US 1993-174934	A2 19931228
			US 1994-265011	B2 19940623
			US 1994-358207	A 19941216
			WO 1994-US14953	W 19941222

OTHER SOURCE(S): MARPAT 134:340845

ED Entered STN: 02 May 2001

AB The compns. are prepared which are suitable for use in solvent or/and preferably aqueous based systems exhibiting excellent surface active properties including high foaming, are well tolerated by human tissue, and are substantive to the surface of natural and synthetic fiber, and the like. The compns. comprise a phospholipid bonded to a quaternized organo-silicone amidoamine moiety or a quaternized organo-silicone tertiary amine moiety. Thus, heating a mixture of a N,N-dimethylaminopropylamine-modified X 22-310 (carboxy-containing siloxane) 2.7, N,N-dimethylaminopropylamine-modified Hamposyl C (cocoyl sarcosine) 2.4, a 40% phosphate ester halide (derived from 3 mol epichlorohydrin and 1 mol 85% phosphoric acid) 3.12, and water 13 g at 90° for 3 h gave a product which formed a clear solution when added with water and foamed well.

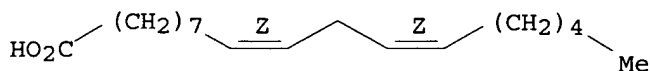
IT 60-33-3DP, Linoleic acid, reaction products with dimethylaminopropylamine and siloxanes and phosphate ester 109-55-7DP, reaction products with siloxanes and phosphate esters 81613-56-1DP, N-(3-Dimethylaminopropyl)linoleamide, reaction

products with siloxane and phosphate ester
 RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (surface-active silicone-modified phospholipid compns. with good foaming properties)

RN 60-33-3 CAPLUS

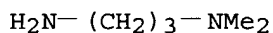
CN 9,12-Octadecadienoic acid (9Z,12Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 109-55-7 CAPLUS

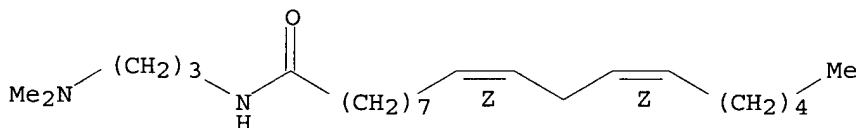
CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



RN 81613-56-1 CAPLUS

CN 9,12-Octadecadienamide, N-[3-(dimethylamino)propyl]-, (9Z,12Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L117 ANSWER 24 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:578597 CAPLUS

DOCUMENT NUMBER: 135:124156

TITLE: Bactericide combinations in detergents

INVENTOR(S): Elsmore, Richard; Houghton, Mark Phillip

PATENT ASSIGNEE(S): Robert McBride Ltd., UK

SOURCE: Brit. UK Pat. Appl., 53 pp.

CODEN: BAXXDU

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2354771	A1	20010404	GB 1999-23253	19991001
PRIORITY APPLN. INFO.:			GB 1999-23253	19991001

ED Entered STN: 10 Aug 2001

AB The detergent comprises a bactericide in combination with an anionic, cationic, nonionic or amphoteric surfactant which has a C12-18 alkyl group as the longest chain attached to the hydrophilic moiety. Creduret 50 (hydrogenated ethoxylated castor oil) 50, citric acid 12, formalin 10,

sodium alkyl benzene sulfonate (C12-20) alkyl 1, perfume white line 0.5, detergent enzyme savingase 0.2, and bactericide Pr 4-hydroxybenzoate 1.0 parts formed a detergent, showing reduction activity after contact 2.

IT 57-10-3, Hexadecanoic acid, uses 110-27-0
 111-61-5 112-39-0 112-61-8 112-80-1D
 , 9-Octadecenoic acid (9Z)-, reaction products with triethanolamine, di-Me sulfate-quaternized, uses 544-63-8, Tetradecanoic acid, uses
 9004-98-2 41096-46-2 60114-62-7D,
 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl
 derivs., inner salts 65733-18-8 96565-37-6
 RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)
 (bactericide combinations in detergents)
 RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)

$\text{HO}_2\text{C}-(\text{CH}_2)_{14}-\text{Me}$

RN 110-27-0 CAPLUS
 CN Tetradecanoic acid, 1-methylethyl ester (9CI) (CA INDEX NAME)

$\text{i-PrO}-\overset{\text{O}}{\parallel}\text{C}-(\text{CH}_2)_{12}-\text{Me}$

RN 111-61-5 CAPLUS
 CN Octadecanoic acid, ethyl ester (9CI) (CA INDEX NAME)

$\text{EtO}-\overset{\text{O}}{\parallel}\text{C}-(\text{CH}_2)_{16}-\text{Me}$

RN 112-39-0 CAPLUS
 CN Hexadecanoic acid, methyl ester (9CI) (CA INDEX NAME)

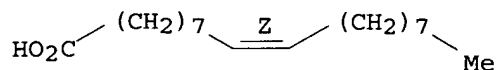
$\text{MeO}-\overset{\text{O}}{\parallel}\text{C}-(\text{CH}_2)_{14}-\text{Me}$

RN 112-61-8 CAPLUS
 CN Octadecanoic acid, methyl ester (9CI) (CA INDEX NAME)

$\text{MeO}-\overset{\text{O}}{\parallel}\text{C}-(\text{CH}_2)_{16}-\text{Me}$

RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

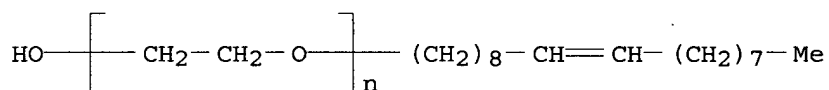
Double bond geometry as shown.



RN 544-63-8 CAPLUS
CN Tetradecanoic acid (9CI) (CA INDEX NAME)

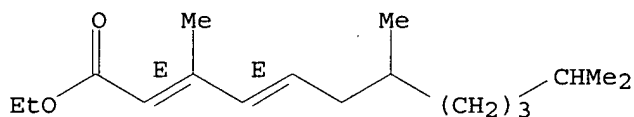


RN 9004-98-2 CAPLUS
CN Poly(oxy-1,2-ethanediyl), α -(9Z)-9-octadecenyl- ω -hydroxy-
(9CI) (CA INDEX NAME)

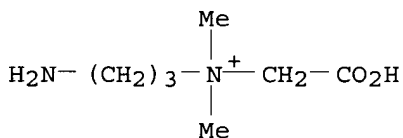


RN 41096-46-2 CAPLUS
CN 2,4-Dodecadienoic acid, 3,7,11-trimethyl-, ethyl ester, (2E,4E)- (9CI)
(CA INDEX NAME)

Double bond geometry as shown.

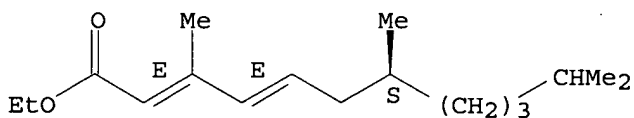


RN 60114-62-7 CAPLUS
CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl- (9CI) (CA INDEX NAME)

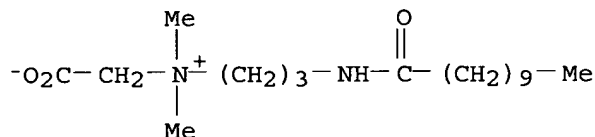


RN 65733-18-8 CAPLUS
CN 2,4-Dodecadienoic acid, 3,7,11-trimethyl-, ethyl ester, (2E,4E,7S)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



RN 96565-37-6 CAPLUS
 CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxoundecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



L117 ANSWER 25 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:319587 CAPLUS
 DOCUMENT NUMBER: 134:331350
 TITLE: Method for measuring skin absorbability and compositions for hair and scalp containing a fatty acid, an alcohol, an amide, and an ester
 INVENTOR(S): Takeoka, Eriko; Takamoto, Ryuichi; Yanaki, Toshio
 PATENT ASSIGNEE(S): Shiseido Company Limited, Japan
 SOURCE: Eur. Pat. Appl., 38 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1096255	A2	20010502	EP 2000-123538	20001027
EP 1096255	A3	20030319		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001174392	A2	20010629	JP 1999-358840	19991217
CN 1303015	A	20010711	CN 2000-131969	20001030
JP 2002071682	A2	20020312	JP 2000-330836	20001030
CN 1530652	A	20040922	CN 2004-10033420	20001030
CN 1566948	A	20050119	CN 2004-10064115	20001030
CN 1771896	A	20060517	CN 2005-10119354	20001030
US 2003165429	A1	20030904	US 2002-238520	20020909
US 2006034762	A1	20060216	US 2005-259882	20051027
US 2006062730	A1	20060323	US 2005-260714	20051027
PRIORITY APPLN. INFO.:			JP 1999-309225	A 19991029
			JP 1999-358840	A 19991217
			JP 2000-180457	A 20000615
			US 2000-697043	B3 20001027
			CN 2004-10033420	A3 20001030
			US 2002-238520	A1 20020909

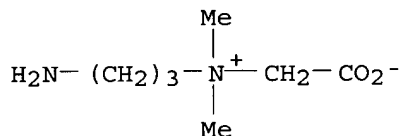
ED Entered STN: 04 May 2001

AB A method for measuring skin absorbability comprises measuring the amount of the substance which is penetrated into hair follicles and using the resultant data as an index representing the amount of the substance which is absorbed through skin pores. The method includes bringing the substance into contact with a first surface of a thin film that mimics the skin surface layer, a second surface of the film being brought into contact with artificial sebum, and evaluating the sebum transferability of the substance by using the degree of transfer of the substance to the artificial sebum as an index. A kit for performing the measurement method of the present invention is also disclosed. For example, skin samples

were prepared from the miniature pig's upper and lower back and the absorption of pantothenylethyl ether from compns. containing ethanol and an oily ingredient having an inorg./organic balance value of 0.06-4.0 was measured. The concentration of pantothenylethyl ether delivered to the hair follicles increased in the presence of isostearyl alc., i.e., isostearyl alc. accelerates the skin-pore absorption of pantothenylethyl ether. A hair-removing composition contained (weight%) 95% EtOH 55.0, calcium thioglycolate 5.0, 1,3-butylene glycol 1.5, polyoxyethylene hydrogenated castor oil (60 E.O.) 1.0, isostearyl alc. 5.0, succinic acid, perfume and a coloring agent.

IT 36574-66-0D, N-coco acyl derivs.
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (Cocoamidopropyl betaine; method for measuring skin absorbability of compns. for hair and scalp containing fatty acids, alcs., amides, and esters)

RN 36574-66-0 CAPLUS
 CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI)
 (CA INDEX NAME)



IT 57-10-3, Palmitic acid, biological studies
 57-11-4, Stearic acid, biological studies 112-80-1,
 Oleic acid, biological studies 7651-02-7
 30399-84-9, Isostearic acid 73296-86-3, Diglyceryl
 isostearate
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (method for measuring skin absorbability of compns. for hair and scalp containing fatty acids, alcs., amides, and esters)

RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)

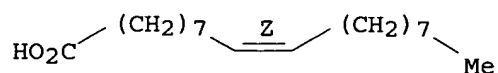


RN 57-11-4 CAPLUS
 CN Octadecanoic acid (9CI) (CA INDEX NAME)

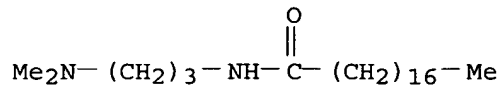


RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

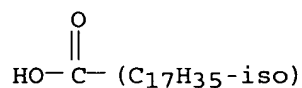
Double bond geometry as shown.



RN 7651-02-7 CAPLUS
 CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 30399-84-9 CAPLUS
 CN Isooctadecanoic acid (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 73296-86-3 CAPLUS
 CN Isooctadecanoic acid, ester with oxybis[propanediol] (9CI) (CA INDEX NAME)

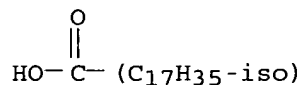
CM 1

CRN 59113-36-9
 CMF C6 H14 O5
 CCI IDS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 30399-84-9
 CMF C18 H36 O2
 CCI IDS



L117 ANSWER 26 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:725419 CAPLUS
 DOCUMENT NUMBER: 133:300930
 TITLE: Surfactants, fatty acids, and fatty esters for liquid
 cleansing compositions with enhanced low temperature
 stability
 INVENTOR(S): Puvvada, Sudhakar; Mitra, Shuman
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever N. V.; Hindustan Lever Ltd.
 SOURCE: PCT Int. Appl., 38 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000059454	A1	20001012	WO 2000-EP2757	20000328
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6150312	A	20001121	US 1999-286042	19990405
CA 2366825	AA	20001012	CA 2000-2366825	20000328
EP 1165019	A1	20020102	EP 2000-920614	20000328
EP 1165019	B1	20050720		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002541080	T2	20021203	JP 2000-609019	20000328
AT 299690	E	20050815	AT 2000-920614	20000328
PRIORITY APPLN. INFO.:				
			US 1999-286042	A 19990405
			WO 2000-EP2757	W 20000328

ED Entered STN: 13 Oct 2000

AB The invention relates to liquid cleansing compns. in lamellar phase. The use of specific anionic surfactant has been found to enhance both the initial viscosity and the freeze thaw (low temperature) viscosity/stability of the compns. Lamellar structured shower gel compns. were prepared containing the

following base: Na trideceth sulfate (STDS) 15%, Na lauryl ether sulfate 0-10%, amphoteric surfactant (e.g., Na lauroamphoacetate) 5-15%, oil/emollient (e.g., sunflower seed oil, silicone, or petrolatum) 0-15%, opacifier/colorant 0-2%, perfume/preservative 0-3%, and lamellar inducing fatty acid (e.g., isostearic acid) 1-8%. STDS effects in enhancing F/T stability of a structured liquid formulations were observed

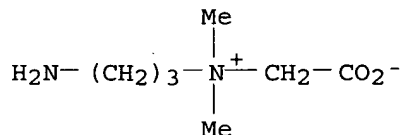
IT 36574-66-0D, N-coco acyl derivs.

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(Cocoamidopropyl betaine; surfactants, fatty acids, and fatty esters for liquid cleansing compns. with enhanced low temperature stability)

RN 36574-66-0 CAPLUS

CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI) (CA INDEX NAME)

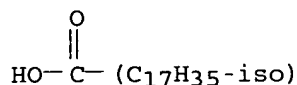


IT 30399-84-9, Isostearic acid

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(surfactants, fatty acids, and fatty esters for liquid cleansing compns.)

with enhanced low temperature stability)
 RN 30399-84-9 CAPLUS
 CN Isooctadecanoic acid (7CI, 8CI, 9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L117 ANSWER 27 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:376812 CAPLUS
 DOCUMENT NUMBER: 133:22166
 TITLE: Cosmetics containing N-long chain acyl-amino acid esters
 INVENTOR(S): Ishii, Hiroji; Yumioka, Ryosuke; Koyama, Kyoko
 PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 34 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000154112	A2	20000606	JP 1999-146974	19990526
PRIORITY APPLN. INFO.:			JP 1998-150945	A 19980601
OTHER SOURCE(S): MARPAT 133:22166				

ED Entered STN: 07 Jun 2000

AB The cosmetics, which have no sticky texture, show good hair-conditioning effect, and give smoothness to skin, contain (a) N-[C6-22 linear or branched (un)saturated acyl]-neutral amino acid C1-10 linear or branched (un)saturated hydrocarbyl esters and/or (b) N-[C6-22 linear or branched (un)saturated acyl]-acidic amino acid C1-10 linear or branched (un)saturated hydrocarbyl diesters and (c) surfactants as active ingredients. A cleansing foam containing N-lauroylsarcosine iso-Pr ester 2, N-lauroylglutamic acid Na salt 20, 1,3-butylene glycol 50%, antiseptic, and H2O balance had no stickiness during and after the use.

IT 4292-10-8, Softazoline LPB 7651-02-7 9004-95-9

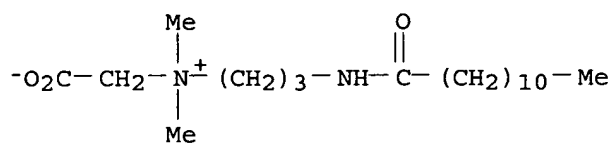
, Polyoxyethylene cetyl ether 9004-98-2, Polyoxyethylene oleyl ether 30399-84-9D, Isostearic acid, ester with polyoxyethylene hydrogenated castor oil monopyroglutamate

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

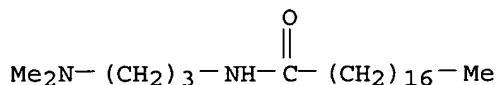
(cosmetics containing N-long-chain acyl-neutral amino acid esters and/or N-long-chain acyl-acidic amino acid diesters and surfactants)

RN 4292-10-8 CAPLUS

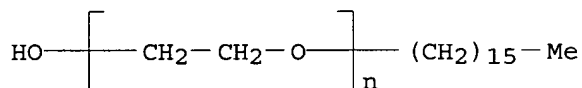
CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxododecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



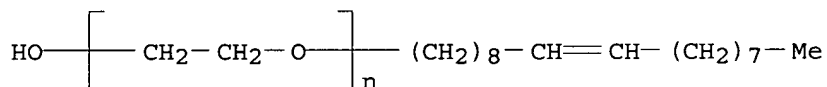
RN 7651-02-7 CAPLUS
 CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



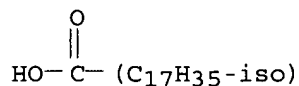
RN 9004-95-9 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -hexadecyl- ω -hydroxy- (9CI) (CA INDEX NAME)



RN 9004-98-2 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -(9Z)-9-octadecenyl- ω -hydroxy- (9CI) (CA INDEX NAME)



RN 30399-84-9 CAPLUS
 CN Isooctadecanoic acid (7CI, 8CI, 9CI) (CA INDEX NAME)



L117 ANSWER 28 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:747614 CAPLUS
 DOCUMENT NUMBER: 130:22520
 TITLE: Betaines as adjuvants to susceptibility testing and antimicrobial therapy
 INVENTOR(S): Thornton, Charles G.
 PATENT ASSIGNEE(S): Integrated Research Technology, Llc, USA
 SOURCE: PCT Int. Appl., 205 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9850576	A1	19981112	WO 1998-US8760	19980501
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2288457	AA	19981112	CA 1998-2288457	19980501
AU 9873652	A1	19981127	AU 1998-73652	19980501
EP 980438	A1	20000223	EP 1998-920928	19980501
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001523970	T2	20011127	JP 1998-548214	19980501
US 6406880	B1	20020618	US 1999-429614	19991029
US 2003104513	A1	20030605	US 2002-125647	20020419
US 7067500	B2	20060627		
PRIORITY APPLN. INFO.:			US 1997-45512P	P 19970502
			WO 1998-US8760	W 19980501
			US 1999-429614	A2 19991029

OTHER SOURCE(S): MARPAT 130:22520

ED Entered STN: 25 Nov 1998

AB The present invention is related to method and compns. for susceptibility testing of bacteria containing mycolic acid structures using betaine-like detergents, and inducing the susceptibility of such bacteria using the same. A method for susceptibility testing comprises (a) exposing a microorganism to a composition comprising an antibiotic and a betaine-like detergent and (b) characterizing the susceptibility of the microorganism to the antibiotic based upon the viability of the microorganism in the composition. The betaine is especially CB-18 (CAS Number 78195-27-4). The invention

stems from observations made during studies involving methods for processing clin. specimens for the detection of mycobacteria.

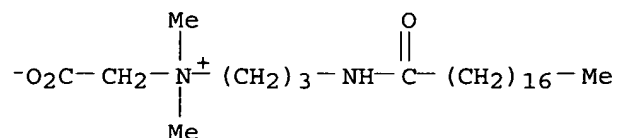
IT 6179-44-8 36574-66-0D, N-(C8-22)-acyl derivs.

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(betaines as adjuvants to susceptibility testing and antimicrobial therapy)

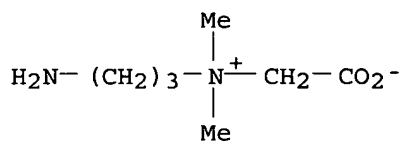
RN 6179-44-8 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxooctadecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



RN 36574-66-0 CAPLUS

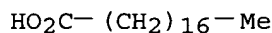
CN 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, inner salt (9CI) (CA INDEX NAME)



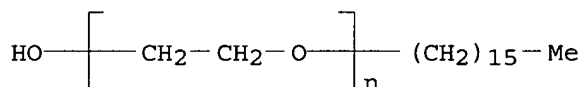
IT 57-10-3, Palmitic acid, biological studies
 57-11-4, Octadecanoic acid, biological studies 9004-95-9
 , Brij 56 9004-98-2
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (screening of, for microbial growth suppression; betaines as adjuvants
 to susceptibility testing and antimicrobial therapy)
 RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)



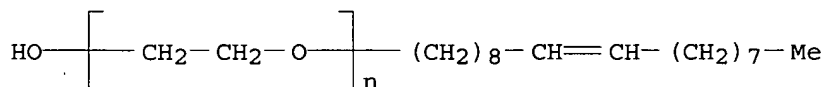
RN 57-11-4 CAPLUS
 CN Octadecanoic acid (9CI) (CA INDEX NAME)



RN 9004-95-9 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -hexadecyl- ω -hydroxy- (9CI) (CA
 INDEX NAME)



RN 9004-98-2 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -(9Z)-9-octadecenyl- ω -hydroxy-
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L117 ANSWER 29 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:227051 CAPLUS
 DOCUMENT NUMBER: 128:295802
 TITLE: Finishing agents for imparting improved softness and
 hygroscopicity to fibers
 INVENTOR(S): Sato, Koji; Sunada, Hideaki
 PATENT ASSIGNEE(S): Ipposha Oil Industries Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10096173	A2	19980414	JP 1996-274204	19960924

PRIORITY APPLN. INFO.:
 ED Entered STN: 22 Apr 1998
 AB The finishing agents contain polyorganosiloxanes containing amino groups and polyoxyalkylene groups in the mol. chain and polyethylenepolyamine higher fatty acid amides as the main components. A woven polyester tropical was treated with aqueous 3% solution containing 10 parts amino polyether-modified silicone and 3 parts amide of diethylenetriamine, stearic acid, and maleic anhydride to pickup 80%, dried, and cured 2 min at 160° to give a fabric exhibiting excellent softness and H2O absorption rating [JIS L-1018-A (dropping method)] 1 initially and 1 after 5 washings.
 IT 57-11-4D, Stearic acid, reaction products with diethylenetriamine and maleic anhydride 109-55-7D, reaction products with linseed oil fatty acids 112-80-1D, Oleic acid, reaction products with tetraethylenepentamine and stearic acid 112-85-6D, Behenic acid, reaction products with hydroxyethylethylenediamine and propylene glycol diglycidyl ether
 RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses)
 (finishing agents containing polyoxyalkylene aminosiloxanes and fatty acid amides for imparting improved softness and hygroscopicity to fibers)
 RN 57-11-4 CAPLUS
 CN Octadecanoic acid (9CI) (CA INDEX NAME)

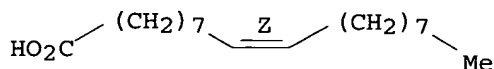
HO₂C—(CH₂)₁₆—Me

RN 109-55-7 CAPLUS
 CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

H₂N—(CH₂)₃—NMe₂

RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 112-85-6 CAPLUS
 CN Docosanoic acid (8CI, 9CI) (CA INDEX NAME)

HO₂C—(CH₂)₂₀—Me

L117 ANSWER 30 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:656278 CAPLUS
 DOCUMENT NUMBER: 119:256278
 TITLE: Shampoo compositions and suspending agent therefor
 INVENTOR(S): Dowell, Teresa Jolanta; Newell, Gerald Patrick;
 Zeffren, Eugene
 PATENT ASSIGNEE(S): Helene Curtis, Inc., USA
 SOURCE: Eur. Pat. Appl., 34 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 562639	A1	19930929	EP 1993-105071	19930327
EP 562639	B1	19971029		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, SE				
US 5393519	A	19950228	US 1992-969382	19921030
NO 9300368	A	19930928	NO 1993-368	19930202
ZA 9301612	A	19940621	ZA 1993-1612	19930305
AU 9335267	A1	19930930	AU 1993-35267	19930316
AU 661117	B2	19950713		
CA 2091872	AA	19930928	CA 1993-2091872	19930317
CA 2091872	C	20021112		
JP 06009351	A2	19940118	JP 1993-65553	19930324
JP 2894666	B2	19990524		
AT 159656	E	19971115	AT 1993-105071	19930327
US 5587154	A	19961224	US 1994-301192	19940906
US 5665267	A	19970909	US 1996-728932	19961011
PRIORITY APPLN. INFO.:			US 1992-859128	A 19920327
			US 1992-969382	A 19921030
			US 1994-301192	A3 19940906

OTHER SOURCE(S): MARPAT 119:256278

ED Entered STN: 11 Dec 1993

AB A suspending agent for shampoos comprises a long carbon-chain amine and an organic or inorg. acid. The suspending agent allows for the manufacture of shampoos containing water-insol. compds., such as conditioning agents and antidandruff agents. A shampoo was made of NH₄ lauryl sulfate 6.0, Na lauryl sulfate 4.5, NH₄ lauryl Et sulfate 2.8, lauramide DEA 1.25, palmitamidopropyl dimethylamine 3.0, citric acid 0.55, purcellin oil 2.0, and water to 100%, as well as dye, fragrance and preservative.

IT 57-10-3, Palmitic acid, biological studies
 57-11-4, Stearic acid, biological studies 109-28-4,
 Oleamidopropyl dimethylamine 112-80-1, Oleic acid,
 biological studies 39669-97-1 45267-19-4,
 Myristamidopropyl dimethylamine 60270-33-9, Behenamidopropyl
 dimethylamine

RL: BIOL (Biological study)
 (suspending agent containing, for shampoos)

RN 57-10-3 CAPLUS

CN Hexadecanoic acid (9CI) (CA INDEX NAME)

HO₂C-(CH₂)₁₄-Me

RN 57-11-4 CAPLUS

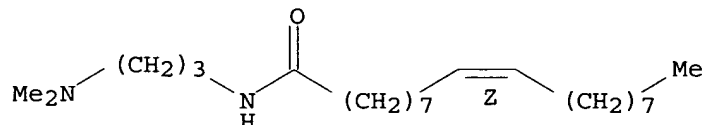
CN Octadecanoic acid (9CI) (CA INDEX NAME)



RN 109-28-4 CAPLUS

CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z) - (9CI) (CA INDEX NAME)

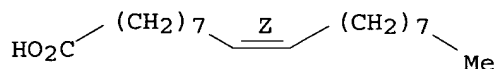
Double bond geometry as shown.



RN 112-80-1 CAPLUS

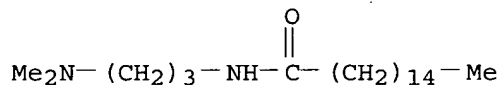
CN 9-Octadecenoic acid (9Z) - (9CI) (CA INDEX NAME)

Double bond geometry as shown.



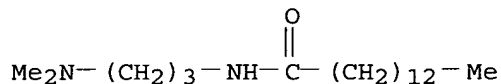
RN 39669-97-1 CAPLUS

CN Hexadecanamide, N-[3-(dimethylamino)propyl]- (7CI, 9CI) (CA INDEX NAME)



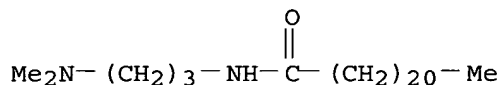
RN 45267-19-4 CAPLUS

CN Tetradecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 9CI) (CA INDEX NAME)



RN 60270-33-9 CAPLUS

CN Docosanamide, N-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)



L117 ANSWER 31 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

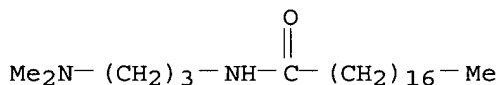
ACCESSION NUMBER: 1993:171080 CAPLUS

DOCUMENT NUMBER: 118:171080

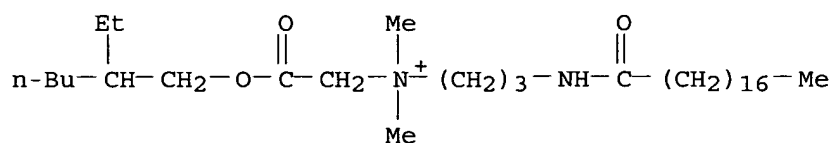
TITLE: Cationic surfactants, pigment dispersants, and pigment dispersions
 INVENTOR(S): Kara, Yonosuke; Takei, Toshio; Tanaka, Toshio
 PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc., Japan; Kawamura Physical and Chemical Research Institute
 SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04215830	A2	19920806	JP 1991-58834	19910322
PRIORITY APPLN. INFO.:			JP 1990-73992	A1 19900323

ED Entered STN: 01 May 1993
 AB The title surfactant providing condensed polynuclear pigment sulfonic acid quaternary ammonium type dispersants for pigments for pigment dispersions of good flowability, storability, and miscibility with different pigments are quaternary ammonium salts, in which at least one of the groups bonded to the quaternary N contain carboxylic acid ester group. Thus, 12-hydroxystearic acid esterified with 2-ethylhexanol was treated with epichlorohydrin in the presence of BF₃-ether complex then Et₃N to give a cationic surfactant Et₃N+CH₂CH(OH)CH₂OCH(C₆H₁₃)(CH₂)₁₀CO₂CH₂Et Bu Cl⁻ (QCl) which was treated with CuPcSO₃Na (Pc = phthalocyanine residue) to give a pigment dispersant CuPcSO₃Q (I). A varnish from CuPc 9, 4:1 Beckolite 57-206-40-Super Beckamine L-105-60 50, thinner 40, and I had viscosity 108 cP, thixotropy index 1.30, and gloss 75%.
 IT 7651-02-7P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (manufacture and reaction of, with chloroacetate derivs.)
 RN 7651-02-7 CAPLUS
 CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



IT 146555-31-9P
 RL: PREP (Preparation)
 (manufacture of, for pigment dispersants, for coatings)
 RN 146555-31-9 CAPLUS
 CN 1-Propanaminium, N-[2-[(2-ethylhexyl)oxy]-2-oxoethyl]-N,N-dimethyl-3-[(1-oxooctadecyl)amino]-, (SP-4-2)-[29H,31H-phthalocyanine-2-sulfonato(2-)-N₂₉,N₃₀,N₃₁,N₃₂]cuprate(1-) (9CI) (CA INDEX NAME)
 CM 1
 CRN 146555-30-8
 CMF C33 H67 N2 O3

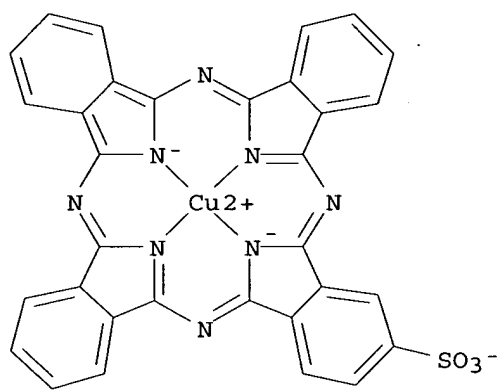


CM 2

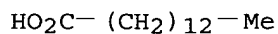
CRN 70750-62-8

CMF C32 H15 Cu N8 O3 S

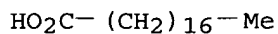
CCI CCS



IT 544-63-8, Tetradecanoic acid, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with dimethylaminoethanol)
 RN 544-63-8 CAPLUS
 CN Tetradecanoic acid (9CI) (CA INDEX NAME)



IT 57-11-4, Octadecanoic acid, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with dimethylaminopropanamine)
 RN 57-11-4 CAPLUS
 CN Octadecanoic acid (9CI) (CA INDEX NAME)



IT 109-55-7, 3-(Dimethylamino)propanamine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with stearic acid)
 RN 109-55-7 CAPLUS
 CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

H₂N-(CH₂)₃-NMe₂

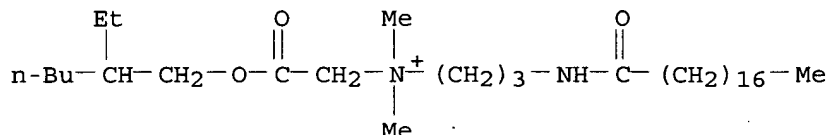
IT 146555-25-1P

RL: PREP (Preparation)

(surfactants, manufacture of, for pigment dispersants)

RN 146555-25-1 CAPLUS

CN 1-Propanaminium, N-[2-[(2-ethylhexyl)oxy]-2-oxoethyl]-N,N-dimethyl-3-[(1-oxooctadecyl)amino]-, chloride (9CI) (CA INDEX NAME)



● Cl⁻

L117 ANSWER 32 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:216302 CAPLUS

DOCUMENT NUMBER: 116:216302

TITLE: Lubricating finishes for fibers

INVENTOR(S): Yokoyama, Tadashi; Watanabe, Meikai

PATENT ASSIGNEE(S): Yushiro Chemical Industry Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04018169	A2	19920122	JP 1990-116367	19900502
JP 2544990	B2	19961016		
PRIORITY APPLN. INFO.:			JP 1990-116367	19900502

OTHER SOURCE(S): MARPAT 116:216302

ED Entered STN: 31 May 1992

AB The title finishes for improving softness and smoothness of fibers contain R1CONHCnH2nNR2R3 (R1 = C11-23 alkyl or alkenyl; R2-3 = C1-4 alkyl; n = 2-5) 5-50, waxes 40-80, and surfactants 10-40 parts. Thus, acrylic-cotton blended yarns were treated with a composition of 1.5 parts stearic acid-dimethylaminopropylamine reaction products and 3 parts (based on solids) emulsion containing paraffin wax 18, hydrogenated tallow 3, stearic acid monoglyceride 2, **oleic** acid diethanolamide 2, and polyethylene glycol oleyl ether 5%, and dried to give yarns with dynamic friction coefficient 0.28 and good knitting quality, vs. 0.35 and poor, resp., for nontreated yarns.

IT 57-11-4, Stearic acid, reactions 112-85-6,

Behenic acid

RL: RCT (Reactant); RACT (Reactant or reagent)

(amidation of, with dialkylaminoalkylamines)

RN 57-11-4 CAPLUS

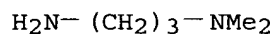
CN Octadecanoic acid (9CI) (CA INDEX NAME)



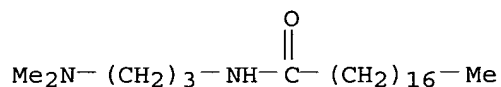
RN 112-85-6 CAPLUS
 CN Docosanoic acid (8CI, 9CI) (CA INDEX NAME)



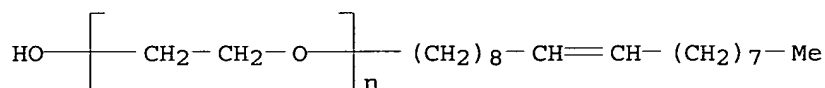
IT 109-55-7, (Dimethylamino)propylamine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (amidation of, with stearic acid)
 RN 109-55-7 CAPLUS
 CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



IT 7651-02-7 9004-98-2, Polyoxyethylene oleyl ether
 RL: USES (Uses)
 (lubricating finishes containing, for fibers, for improved smoothness and
 antistatic properties)
 RN 7651-02-7 CAPLUS
 CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA
 INDEX NAME)



RN 9004-98-2 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -(9Z)-9-octadecenyl- ω -hydroxy-
 (9CI) (CA INDEX NAME)



L117 ANSWER 33 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1992:593566 CAPLUS
 DOCUMENT NUMBER: 117:193566
 TITLE: Finishing of synthetic fiber webs
 INVENTOR(S): Koerte, Klaus; Schleusener, Eckart
 PATENT ASSIGNEE(S): Sandoz-Patent-GmbH, Germany
 SOURCE: Ger. Offen., 7 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4135499	A1	19920514	DE 1991-4135499	19911028
FR 2668783	A1	19920507	FR 1991-13607	19911031
FR 2668783	B1	19950324		
GB 2251633	A1	19920715	GB 1991-23350	19911104
PRIORITY APPLN. INFO.:			DE 1990-4035283	A1 19901107

ED Entered STN: 15 Nov 1992

AB A method for finishing webs, optionally reinforced, from thermoplastic fibers for improved liquid uptake comprises finishing with an amphoteric compound which is an inner salt and has the formula $RCONHZN+R_1R_2Z_1X^-$, where RCO is derived from a branched or straight chain C14-22 fatty acid, Z = C2-6 alkylene, R1, R2 = C1-4 alkyl or C2-4 hydroxyalkyl, Z1 = C1-4 alkylene or hydroxy C3-4 alkylene, and X = CO2, SO3. A melt blown polypropylene micro fiber web (80 g/m2) was sprayed with a 1% isopropanol solution of N-(3-isostearoylamidopropyl)-N,N-dimethylammonia acetate (preparation given) and dried to give a web with very high hydrophilic properties; while the starting material was hydrophobic.

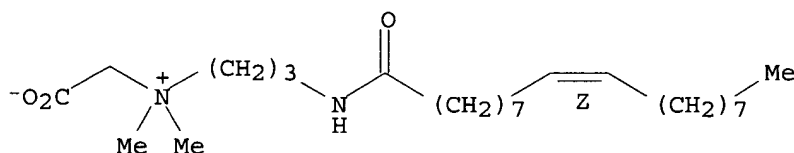
IT 25054-76-6P

RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation and finishing of synthetic fiber webs by, for hydrophilic finish)

RN 25054-76-6 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[[(9Z)-1-oxo-9-octadecenyl]amino]-, inner salt (9CI) (CA INDEX NAME)

Double bond geometry as shown.



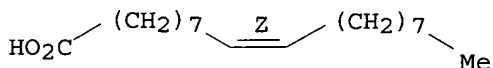
IT 112-80-1, Oleic acid, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with dimethylaminopropylamine)

RN 112-80-1 CAPLUS

CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

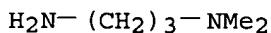


IT 109-55-7, 3-Dimethylaminopropylamine

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with fatty acids)

RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



L117 ANSWER 34 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1990:161060 CAPLUS
 DOCUMENT NUMBER: 112:161060
 TITLE: Preparation of quaternary ammonium compounds for use
 as fabric softeners
 INVENTOR(S): Rutzen, Horst; Baumann, Horst; Ploog, Uwe; Uphues,
 Guenter
 PATENT ASSIGNEE(S): Henkel K.-G.a.A., Fed. Rep. Ger.
 SOURCE: PCT Int. Appl., 31 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: **Patent**
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8909204	A1	19891005	WO 1989-EP337	19890328
W: DK, JP, KR, US				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
DE 3811247	A1	19891012	DE 1988-3811247	19880402
EP 336267	A2	19891011	EP 1989-105483	19890328
EP 336267	A3	19891025		

R: ES

PRIORITY APPLN. INFO.: DE 1988-3811247 A 19880402

OTHER SOURCE(S): MARPAT 112:161060

ED Entered STN: 28 Apr 1990

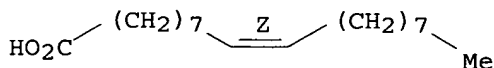
AB The title compds. R₁R₂R₃R₄N⁺ R₅X⁻ [R₂ = alkyl; R₁ = hydroxyalkyl; R₃ = hydroxyalkyl, alkyl, acylamidoalkyl, acyloxyalkyl; R₄ = alkyl, acylamidoalkyl, acyloxyalkyl; R₅ = hydrocarbyl; X = CO₂, OSO₃, SO₃], useful as softening agents for laundered fabrics, are prepared Heating 3 mol C₁₂-18 coco fatty acids, 1 mol [H₂N(CH₂)₃]₂NMe, and 0.16 g H₃PO₂ at 200° for 4 h with distillation of H₂O gave a waxy amide salt (amine number 66.4; acid number 62.7) which (0.24 mol) was quaternized with 0.48 mol oxirane in 213.4 g H₂O at 80°/3 atm for 2 h.

IT 112-80-1, **Oleic acid**, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (amidation by, of [(dimethylamino)propyl]amine)

RN 112-80-1 CAPLUS

CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

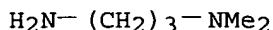


IT 109-55-7DP, N,N-Dimethyl-1,3-propanediamine, reaction products with acrylic acid-**oleic acid** adduct and oxirane

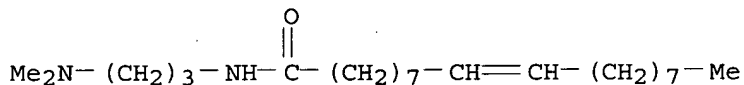
RL: IMF (Industrial manufacture); PREP (Preparation)
 (preparation and fabric-softening properties of)

RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

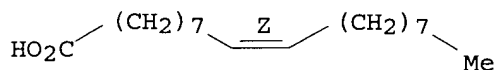


IT 126150-53-6
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (quaternization of, by oxirane)
 RN 126150-53-6 CAPLUS
 CN 9-Octadecenoic acid (9Z)-, compd. with N-[3-(dimethylamino)propyl]-9-octadecenamide (9CI) (CA INDEX NAME)
 CM 1
 CRN 126150-52-5
 CMF C23 H46 N2 O



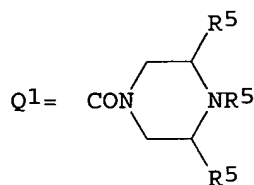
CM 2
 CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.



L117 ANSWER 35 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1989:574130 CAPLUS
 DOCUMENT NUMBER: 111:174130
 TITLE: Preparation and testing of aminoalkylamides, alkylcarbamic acid aminoalkyl esters, aminoalkylureas, aminoalkylsulfonamides, and alkylcarboxylic acid hydrazides as phospholipase A2 inhibitors
 INVENTOR(S): McGregor, William H.; Chang, Joseph Y.
 PATENT ASSIGNEE(S): American Home Products Corp., USA
 SOURCE: U.S., 7 pp. Cont.-in-part of U.S. Ser. No. 895,762, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4824996	A	19890425	US 1986-927907	19861106
PRIORITY APPLN. INFO.:			US 1986-895762	A2 19860812
OTHER SOURCE(S):	CASREACT 111:174130; MARPAT 111:174130			
ED Entered STN:	10 Nov 1989			
GI				



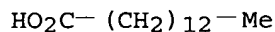
AB R1X [I; R1 = C8-22 alkyl; X = NHCO2R2, CONHR2, NHCONHR2, SO2NHR2, Q1; R2 = (CH2)nNR4R5; R3, R4, R5 = H, alkyl; n = 0-7], useful as phospholipase A2 inhibitors, were prepared Me(CH2)11NCO and Me2N(CH2)5OH were stirred several days in THF at room temperature to give Me(CH2)11NCO2(CH2)5NMe2. I inhibited 12-O-tetradecanoylphorbol acetate-induced edema in mouse ears by 42-55%.

IT 544-63-8, Myristic acid, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)
(activation and condensation of, with dimethylaminopropylamine, in preparation of phospholipase inhibitor)

RN 544-63-8 CAPLUS

CN Tetradecanoic acid (9CI) (CA INDEX NAME)

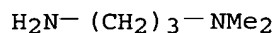


IT 109-55-7, 3-(Dimethylamino)propylamine

RL: RCT (Reactant); RACT (Reactant or reagent)
(condensation of, with activated myristic acid, in preparation of phospholipase inhibitor)

RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

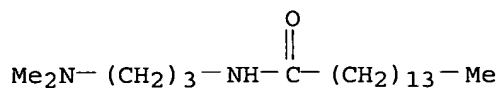


IT 67806-14-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as phospholipase A2 inhibitor)

RN 67806-14-8 CAPLUS

CN Pentadecanamide, N-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)



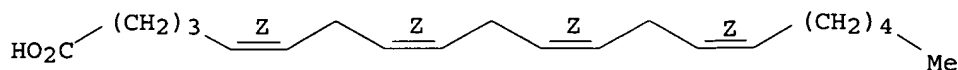
IT 506-32-1, Arachidonic acid

RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis inhibitors, aminoalkylamides, alkylcarbamic acid aminoalkyl esters, aminoalkyl ureas, aminoalkylsulfonamides, and alkylcarboxylic acid hydrazides)

RN 506-32-1 CAPLUS

CN 5,8,11,14-Eicosatetraenoic acid, (5Z,8Z,11Z,14Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L117 ANSWER 36 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1987:533910 CAPLUS

DOCUMENT NUMBER: 107:133910

TITLE: Diquaternary ammonium salts, their preparation and their use as textile finishing agents

INVENTOR(S): Topfl, Rosemarie; Abel, Heinz; Binz, Jorg

PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.

SOURCE: Eur. Pat. Appl., 15 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 221855	A2	19870513	EP 1986-810499	19861103
EP 221855	A3	19880511		
EP 221855	B1	19900711		
R: CH, DE, ES, FR, GB, IT, LI				
ZA 8608483	A	19870624	ZA 1986-8483	19861107
JP 62174042	A2	19870730	JP 1986-264917	19861108
JP 63028417	B4	19880608		
US 4906413	A	19900306	US 1988-270378	19881110
PRIORITY APPLN. INFO.:			CH 1985-4801	A 19851108
			US 1986-925059	B1 19861030

ED Entered STN: 17 Oct 1987

AB H43C21COQ1A1N+R1R2Z1N+R3R4A2Q2COC21H43 3-n(Y1)n- [I; A1, A2 = C2-5 alkylene; Q1, Q2 = NH, O; R1, R2, R3, R4 = alkyl, hydroxy-, alkoxyalkyl with C1-4 in each alkyl; (Y1)n- = anion of a strong acid; Z1 = OH-substituted C3-24 alkylene with optional O interruption; n = 1, 2], useful as textile auxiliaries, were prepared by reaction of 1 mol H43C21COQ1A1NR1R2 and 1 mol H43C21COQ2A2NR3R4 with 1 mol X1Z'X2 [X1 = epoxy group, X2 = epoxy group or movable halo; Z' = C1-20 alkylene (un)substituted with OH and optionally with O interrupter; when X2 = epoxy, Z' = bond] in the presence of a strong acid H+n(Y1)n-.

Behenic acid and Me2NCH2CH2NH2 reacted to give C21H43CONH(CH2)2NMe2 which was treated with concentrated HCl in H2O and Me2CHOH,

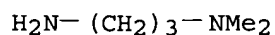
then with epichlorohydrin to give [C21H43CONH(CH2)2N+Me2CH2]2CHOH 2Cl-. Several examples involving treatment of textiles with I were given.

IT 109-55-7

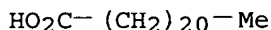
RL: RCT (Reactant); RACT (Reactant or reagent)
(amidation by, of behenic acid)

RN 109-55-7 CAPLUS

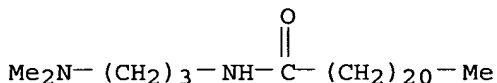
CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



IT 112-85-6, Behenic acid
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (amidation of)
 RN 112-85-6 CAPLUS
 CN Docosanoic acid (8CI, 9CI) (CA INDEX NAME)



IT 60270-33-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reaction of, with epichlorohydrin)
 RN 60270-33-9 CAPLUS
 CN Docosanamide, N-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)



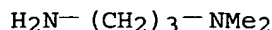
L117 ANSWER 37 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1978:557616 CAPLUS
 DOCUMENT NUMBER: 89:157616
 TITLE: Amine oxides for retarding plaque formation
 INVENTOR(S): Blackburne, Owen Rodney; Shapiro, Warren B.
 PATENT ASSIGNEE(S): Noxell Corp., USA
 SOURCE: U.S., 9 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 4093711	A	19780606	US 1976-714149	19760813
PRIORITY APPLN. INFO.:			US 1976-714149	19760813

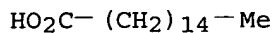
ED Entered STN: 12 May 1984

AB Amine oxides $\text{RCONR}_1(\text{CH}_2)_n\text{NR}_2\text{O}$ ($\text{R} = \text{C}>13$ alkyl, $\text{R}_1 = \text{H}$ or $\text{C}1-3$ alkyl, $\text{R}_2 = \text{C}1-5$ alkyl and $n = 1-6$) are prepared for retarding plaque formation. Diethylaminopropylpalmitamide N-oxide $[\text{Me}(\text{CH}_2)_{14}\text{CONH}(\text{CH}_2)_3\text{N}(\text{Et})_2\text{O}]$ (I) [67806-09-1] was prepared by peroxide oxidation of diethylaminopropylpalmitamide (II) [67806-13-7]. II was prepared from $\text{Et}_2\text{N}(\text{CH}_2)_3\text{NH}_2$ [104-78-9] and palmitic acid [57-10-3]. I prevented plaque and pellicle formation on extracted teeth swabbed in saliva and incubated in a media solution for 24 h.

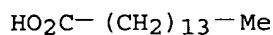
IT 109-55-7
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (acylation of)
 RN 109-55-7 CAPLUS
 CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



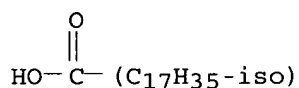
IT 57-10-3, biological studies
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (diethylaminopropylamine acylation by)
 RN 57-10-3 CAPLUS
 CN Hexadecanoic acid (9CI) (CA INDEX NAME)



IT 1002-84-2 30399-84-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (dimethylaminopropylamine acylation by)
 RN 1002-84-2 CAPLUS
 CN Pentadecanoic acid (8CI, 9CI) (CA INDEX NAME)

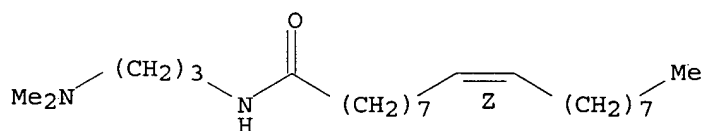


RN 30399-84-9 CAPLUS
 CN Isooctadecanoic acid (7CI, 8CI, 9CI) (CA INDEX NAME)

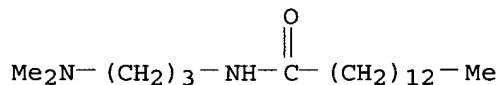


IT 109-28-4 45267-19-4 67806-14-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (oxidation of)
 RN 109-28-4 CAPLUS
 CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX NAME)

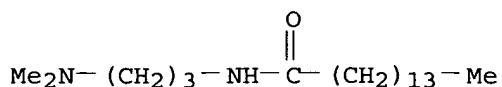
Double bond geometry as shown.



RN 45267-19-4 CAPLUS
 CN Tetradecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 9CI) (CA INDEX NAME)



RN 67806-14-8 CAPLUS
 CN Pentadecanamide, N-[3-(dimethylamino)propyl]- (9CI) (CA INDEX NAME)



L117 ANSWER 38 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1979:24738 CAPLUS

DOCUMENT NUMBER: 90:24738

TITLE: Compositions for waterproofing and oilproofing of textiles

INVENTOR(S): Yoshida, Kenji; Baba, Toshihiko; Midorikawa, Akio; Nagaki, Rejuzo

PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc., Japan

SOURCE: Jpn. Tokkyo Koho, 6 pp.

CODEN: JAXXAD

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 53035915	B4	19780929	JP 1971-31591	19710513
PRIORITY APPLN. INFO.:			JP 1971-31591	A 19710513

ED Entered STN: 12 May 1984

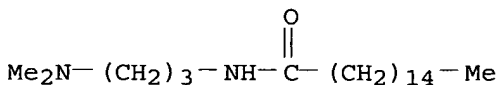
AB Water-resistant and oil-resistant synthetic, cotton, and polyester-cotton fabrics are prepared with improved process stability by mixing a basic fatty acid amide RCONHZNR1R2, where R is C7-21 alkyl, Z is C2-4 alkylene, and NR1R2 is di-C1-4-alkylamino or a 5- or 6-membered ring, with compns. containing a fluoropolymer or wax-acrylic polymer mixture and finishing the fabric with the mixture. Thus, 256 g **palmitic acid** [57-10-3] was treated with 112.2 g [(dimethylamino)propyl]amine [109-55-7] to give an amide (I) [39669-97-1]. I 100, H2O 453, 90% lactic acid 16, and 35% H2O2 15.5 g were mixed. A polyester fabric was immersed in an aqueous mixture containing 3.0% Scotchgard FC 208 [30660-57-2] and 0.05% of the resulting composition (A) to 80% pickup, dried, and heat-treated 2 min at 160° to give a water-resistant and oil-resistant fabric, whereas gum formation on the rubber roll occurred on finishing the fabric with a similar composition without A.

IT 39669-97-1P

RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation of, for waterproofing and oilproofing of synthetic, cotton and cotton-polyester fabrics with improved process stability)

RN 39669-97-1 CAPLUS

CN Hexadecanamide, N-[3-(dimethylamino)propyl]- (7CI, 9CI) (CA INDEX NAME)



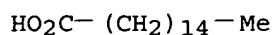
IT 57-10-3, reactions 57-11-4, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)

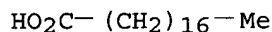
(reaction of, with [(dimethylamino)propyl]amine)

RN 57-10-3 CAPLUS

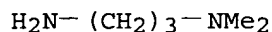
CN Hexadecanoic acid (9CI) (CA INDEX NAME)



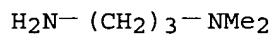
RN 57-11-4 CAPLUS
CN Octadecanoic acid (9CI) (CA INDEX NAME)



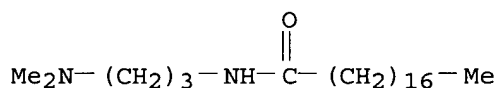
IT 109-55-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with fatty acids)
RN 109-55-7 CAPLUS
CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



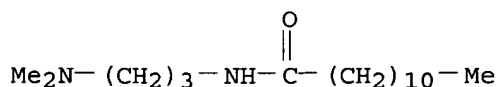
IT 109-55-7D, reaction products with hydrogenated coconut oil fatty acids
RL: USES (Uses)
(waterproofing and oilproofing of cotton fabrics in presence of, with improved process stability)
RN 109-55-7 CAPLUS
CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



IT 7651-02-7
RL: USES (Uses)
(waterproofing and oilproofing of nylon-rayon fabrics in presence of, with improved process stability)
RN 7651-02-7 CAPLUS
CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



IT 3179-80-4
RL: USES (Uses)
(waterproofing and oilproofing of polyester-cotton fabrics in presence of, with improved process stability)
RN 3179-80-4 CAPLUS
CN Dodecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



L117 ANSWER 39 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1973:472282 CAPLUS

DOCUMENT NUMBER: 79:72282

TITLE: Photographic, light-sensitive silver halide materials

INVENTOR(S): Yamamoto, Nobuo; Yoneyama, Masakazu; Ohmura, Kunioki

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd.

SOURCE: Ger. Offen., 37 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2249471	A1	19730419	DE 1972-2249471	19721009
JP 48043924	A2	19730625	JP 1971-79185	19711008
JP 50005048	B4	19750227		
US 3843368	A	19741022	US 1972-295326	19721005
GB 1399488	A	19750702	GB 1972-46344	19721006
			JP 1971-79185	A 19711008

PRIORITY APPLN. INFO.:

ED Entered STN: 12 May 1984

AB Long chain N-(amidoalkyl) (carboxyalkyl) quaternary ammonium betaine compds., added in amts. of 0.1-5 g/kg of coating mixture, permit high-speed coating (>50 m/min) of Ag halide emulsion or other layers and improve their antistatic, antifriction, and nonsticky properties. A typical example is C₁₅H₃₁CONH(CH₂)₃N⁺Me₂CH₂CO₂⁻, which was obtained by treating **palmitic** acid with 3-(dimethylamino)propylamine at 180° in a N atmospheric and then quaternizing by reaction with Na chloroacetate.

IT 4292-10-8 6179-44-8 32954-43-1

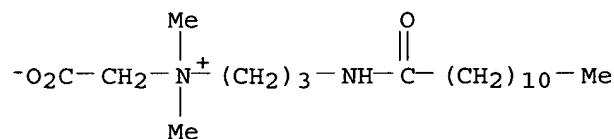
43126-89-2

RL: USES (Uses)

(coating aids, for photog. emulsions)

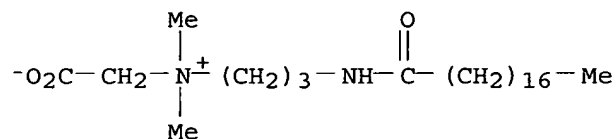
RN 4292-10-8 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxododecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



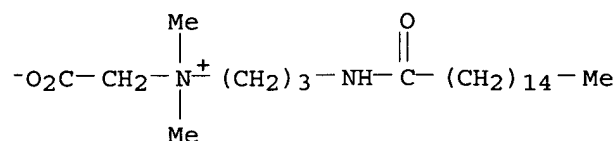
RN 6179-44-8 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxooctadecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



RN 32954-43-1 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxohexadecyl)amino]-
 , inner salt (9CI) (CA INDEX NAME)



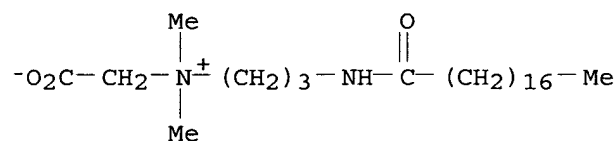
RN 43126-89-2 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxooctadecyl)amino]-
 , inner salt, didehydro deriv. (9CI) (CA INDEX NAME)

CM 1

CRN 6179-44-8

CMF C25 H50 N2 O3

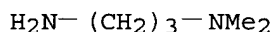


IT 109-55-7

RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with **palmitic acid**)

RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

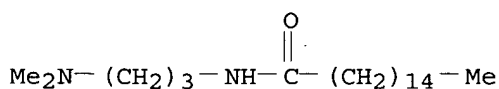


IT 39669-97-1

RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with sodium chloroacetate)

RN 39669-97-1 CAPLUS

CN Hexadecanamide, N-[3-(dimethylamino)propyl]- (7CI, 9CI) (CA INDEX NAME)



IT 57-10-3, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)
 (with dimethylaminopropylamine)

RN 57-10-3 CAPLUS

CN Hexadecanoic acid (9CI) (CA INDEX NAME)



L117 ANSWER 40 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1973:148928 CAPLUS

DOCUMENT NUMBER: 78:148928

TITLE: Stabilization of water- and oilproofing agents for fabrics

INVENTOR(S): Yoshida, Kenji; Umaba, Toshihiko; Midorikawa, Akio; Nagaki, Ryuzo

PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc.

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 47042486	B4	19721216	JP 1971-31591	19710513

ED Entered STN: 12 May 1984

AB An amide surfactant derived from a N,N-disubstituted diamine and a C8-22 alkanolic acid was used to stabilize water- and oilproofing agents. Thus, a mixture of 256 g **palmitic** acid and 112.2 g 3-dimethylaminopropylamine was heated 5 hr at 190.deg. to give N-(3-dimethylaminopropyl)palmitamide (I) [39669-97-1]. I (100 g) was dispersed in 453 g water and mixed with 16 g 90% lactic acid and 15.5 g 35% H2O2, and the mixture was heated 2 hr at 80.deg. to give a surfactant mixture. The product 0.05, Scotchgard FC 208 3.0, and water 96.95 parts were mixed, and the mixture was used to process polyester fabric continuously for 3 hr without appreciable gum formation, compared with gum formation in 30 min for a similar composition without I.

IT 109-55-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with **palmitic** acid)

RN 109-55-7 CAPLUS

CN 1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

$$\text{H}_2\text{N}-(\text{CH}_2)_3-\text{NMe}_2$$

IT 39669-97-1
RL: USES (Uses)
(surfactant, for stabilization of oilproofing and waterproofing agents for textiles)

RN 39669-97-1 CAPLUS

CN Hexadecanamide, N-[3-(dimethylamino)propyl]- (7CI, 9CI) (CA INDEX NAME)

$$\text{Me}_2\text{N}-(\text{CH}_2)_3-\text{NH}-\overset{\text{O}}{\parallel}\text{C}-(\text{CH}_2)_{14}-\text{Me}$$

IT 57-10-3, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(with dimethylaminopropylamine)

RN 57-10-3 CAPLUS

CN Hexadecanoic acid (9CI) (CA INDEX NAME)

$$\text{HO}_2\text{C}-(\text{CH}_2)_{14}-\text{Me}$$

L117 ANSWER 41 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1971:77354 CAPLUS
 DOCUMENT NUMBER: 74:77354
 TITLE: Continuous dyeing and printing of textiles
 INVENTOR(S): Hildebrand, Dietrich; Kirschnek, Helmut
 PATENT ASSIGNEE(S): Farbenfabriken Bayer A.-G.
 SOURCE: Ger. Offen., 72 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1929662	A	19701217	DE 1969-1929662	19690611
DE 1929662	B2	19770707		
GB 1266082	A	19720308	GB 1970-1266082	19700522
AT 320579	B	19750225	AT 1970-4982	19700603
JP 49035109	B4	19740919	JP 1970-49583	19700610
BE 751844	A	19701116	BE 1970-751844	19700611
NL 7008546	A	19701215	NL 1970-8546	19700611
FR 2045993	A5	19710305	FR 1970-21484	19700611
FR 2045993	B1	19740503		
CH 708829	A4	19730228	CH 1970-8829	19700611
CH 540391	B	19730928		

PRIORITY APPLN. INFO.: DE 1969-1929662 A 19690611

ED Entered STN: 12 May 1984

GI For diagram(s), see printed CA Issue.

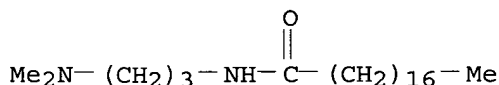
AB Textiles were dyed or printed in a conventional manner with an aqueous dye bath or printing paste, dried, heated and treated with an afterwash containing a chlorinated hydrocarbon and HOAc or di- or triethanolamine. Thus, a polyacrylonitrile fabric was padded with I in an aqueous bath containing methyl glycol acetate, glycerol monoacetate, the reaction product of nonylphenol with ethylene oxide, HOAc and an alginate thickener, and steamed 15 min at 115°. The fabric was treated with a solution of Na dodecylbenzenesulfonate, HOAc, and water in C2Cl4 followed by C2Cl4. The dried fabric had good fastness properties.

IT 7651-02-7

RL: USES (Uses)
 (in dyeing of textiles, continuous)

RN 7651-02-7 CAPLUS

CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



L117 ANSWER 42 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1969:484819 CAPLUS
 DOCUMENT NUMBER: 71:84819

TITLE: Dependence of surface tension on surfactant concentration

AUTHOR(S): Keymer, Reinhard

CORPORATE SOURCE: Pharm. Inst. Bonn, Bonn, Fed. Rep. Ger.

SOURCE: Pharmazeutische Industrie (1969), 31(3), 152-5
CODEN: PHINAN; ISSN: 0031-711X

DOCUMENT TYPE: Journal

LANGUAGE: German

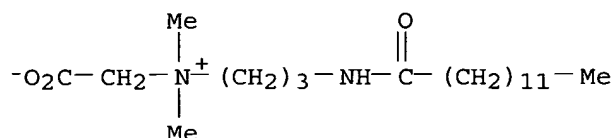
ED Entered STN: 12 May 1984

AB The reduction of the surface tension in a H₂O solution follows the logarithm of the concentration in the shape of an S-curve, as was measured on 12 different surfactants. The critical micelle concentration value is near the linear course of the curve where the change-over probably occurs. Impulse concentration and saturated concns. are the values near the curved parts. Each phase of the dilution seems to form a specific quotient of actually dissolved surfactant to the surfactant with micelle structure. The addition of lipoids disturbs the quotient, because some of the surfactant in micelle structure is used and new micelle formation has to occur. This reduces the freely dissolved mols. with a consequent increase of the surface tension under the formation of a new quotient. The saturation-tension is suggested for the characterization of a surfactant.

IT 25729-05-9 32954-43-1
RL: PRP (Properties)
(critical micelle concentration and surface tension of aqueous solns. of, concentration dependence of)

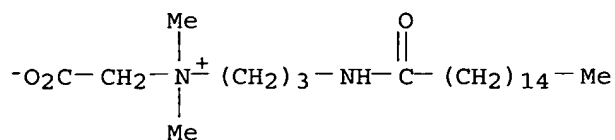
RN 25729-05-9 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxotridecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



RN 32954-43-1 CAPLUS

CN 1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(1-oxohexadecyl)amino]-, inner salt (9CI) (CA INDEX NAME)



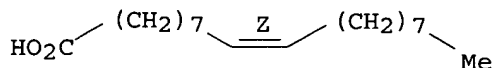
IT 112-80-1, Oleic acid

RL: PRP (Properties)
(reaction products with peptides, sodium salts, critical micelle concentration and surface tension of aqueous solns. of, concentration dependence of)

RN 112-80-1 CAPLUS

CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

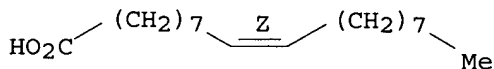


L117 ANSWER 43 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1967:2223 CAPLUS
 DOCUMENT NUMBER: 66:2223
 TITLE: Sulfoalkylated basic carboxylic acid amides
 PATENT ASSIGNEE(S): Sandoz Patents Ltd.
 SOURCE: Brit., 3 pp.
 CODEN: BRXXAA
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

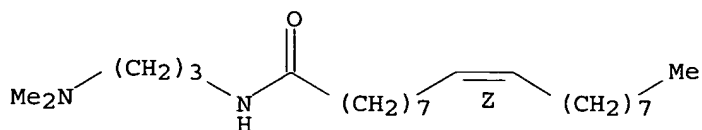
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 1037645		19660803	GB	
CH 439711			CH	
PRIORITY APPLN. INFO.:			CH	19620410
ED	Entered STN: 12 May 1984			
AB	A mixture of 1 mole oleic acid and 1 mole H ₂ NCH ₂ CH ₂ NHCH ₂ -CH ₂ OH was heated at 150-60° under N until 1.5 moles H ₂ O had distilled and the product was quaternized by heating at 90° with 1.2 moles 40% aqueous ClCH ₂ CHOHCH ₂ OSO ₂ Na (I) and 1.2 moles 30% aqueous NaOH. A similar product was prepared by reaction of 1 mole lauric acid with 1.3 moles H ₂ N(CH ₂) ₃ NMe ₂ and heating the amide formed with I as before. The aqueous solns. of the products are useful as dispersants for S which sep. in the precipitating bath during the spinning of viscose.			
IT	112-80-1D , Oleic acid, sulfoalkylated amino derivs. RL: RCT (Reactant); RACT (Reactant or reagent) (as dispersants)			
RN	112-80-1 CAPLUS			
CN	9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)			

Double bond geometry as shown.

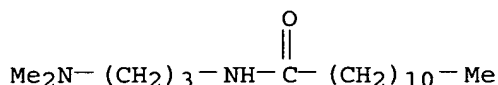


IT **109-28-4P 3179-80-4P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 109-28-4 CAPLUS
 CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

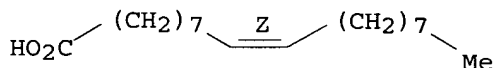


RN 3179-80-4 CAPLUS
 CN Dodecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



IT 112-80-1, **Oleic acid**
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction products with 2-[(2-aminoethyl)amino]ethanol and sodium
 3-chloro-2-hydroxy-1-propanesulfonate, quaternary derivative)
 RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L117 ANSWER 44 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1960:28119 CAPLUS
 DOCUMENT NUMBER: 54:28119
 ORIGINAL REFERENCE NO.: 54:5429d-h
 TITLE: Acyclic hydrazinium salts
 INVENTOR(S): Rudner, Bernard; Brooks, Marguerite E.
 PATENT ASSIGNEE(S): W. R. Grace & Co.
 DOCUMENT TYPE: **Patent**
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2906753		19590929	US 1957-641810	19570225
GB 884775			GB	

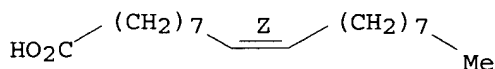
ED Entered STN: 22 Apr 2001

AB Hydrazinium salts of the type [RR'R'NNH2]X were prepared by the reaction of chloramine with tertiary amines. Thus, 78.5 g. 4-(oleoylamino)propylmorpholine, prepared from **oleic acid** and 4-(3-aminopropyl)morpholine, was treated in CHCl3 solution with chloramine to give 40 g. 4-amino-4-[3-(oleoylamino)propyl]morpholinium chloride (I), flat plates, m. 135° (H2O). I was treated with Ag2O and H2O to give the hydroxide, which with HBr or HI gave the bromide, decompose 142°, and iodide, decompose 138°. Similarly, chloramine was treated with β-hydroxyethylmorpholine to give 4-amino-4-(2-hydroxyethyl)morpholinium chloride (III). III was suspended in 100 ml.

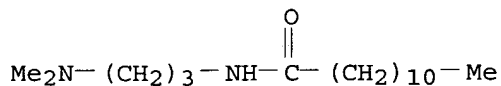
dry CHCl_3 containing 6 g. octadecanoyl chloride, the mixture stirred 15 min. while 4 g. anhydrous K_2CO_3 was added, the mixture refluxed 2 hrs., cooled, filtered, the filtrate evaporated to dryness, the brown plates washed with hexane, triturated, and vacuum dried to give a tan paste, which was about 93% pure 4-amino-4-[2-(octadecanoyloxy)ethyl]morpholinium chloride, which ran clear and decomposed at 61° . Chloramine with fused aminoethylpiperazine distearate gave 4-stearoyl-1-amino-1-[2-(stearoylamino)ethyl]piperazinium chloride, m. approx. 168° . Stearic acid and dimethylaminopropylamine gave aminopropyldimethylammonium stearate, which on heating gave 3-stearoylamino-propyldimethylamine (IV), m. $49-50^\circ$. Chloramine and IV gave 1,1-dimethyl-1-[3-(stearoylamino)propyl]hydrazinium chloride (V). IV and aqueous KI gave the iodide, m. 136° . Lauric acid heated with dimethylaminopropylamine gave lauroylaminopropyldimethylamine (VI), b2 $171-94^\circ$. V and chloramine gave 1,1-dimethyl-1-[3-(lauroylamino)propyl]hydrazinium chloride. Similarly, the following were prepared: 1-ethyl-1-(2-hydroxyethyl)-1-[2-(β -stearoylamino)ethyl]-hydrazinium chloride, decompose 75° ; 1,1-bis(2-hydroxyethyl)-1-[3-(octadecylamino)propyl]hydrazinium chloride; and 1,1-bis(2-hydroxyethyl)-1-(oleoyloxyethyl)hydrazinium chloride.

IT 112-80-1, Oleic acid
(esters, with (hydroxyalkyl)hydrazonium compds.)
RN 112-80-1 CAPLUS
CN 9-Octadecenoic acid (9Z) - (9CI) (CA INDEX NAME)

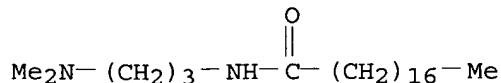
Double bond geometry as shown.



IT 3179-80-4, Dodecanamide, N-(3-dimethylaminopropyl) -
7651-02-7, Octadecanamide, N-(3-dimethylaminopropyl) -
(preparation of)
RN 3179-80-4 CAPLUS
CN Dodecanamide, N-[3-(dimethylamino)propyl] - (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 7651-02-7 CAPLUS
CN Octadecanamide, N-[3-(dimethylamino)propyl] - (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



L117 ANSWER 45 OF 52 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1956:57015 CAPLUS
DOCUMENT NUMBER: 50:57015
ORIGINAL REFERENCE NO.: 50:10763b-c

TITLE: Carboxylic acid salts of N-(dialkylaminoalkyl)amides
 INVENTOR(S): Jelling, Murray
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2737509		19560306	US 1953-393244	19531119
ED	Entered STN: 22 Apr 2001				
AB	By using the fatty or rosin acid salts of N-(dialkylaminoalkyl)amides of fatty acids as bonding agents, certain bituminous compns. may be coated on wet aggregates with the formation of durable bonds. Such coatings effectively resist the stripping action of water. By heating 1 mole Me ₂ N(CH ₂) ₃ NH ₂ with 2 moles tall oil 4 hrs. at 150°C. and removing 1 mole H ₂ O by distillation, the rosin acid salts of N-(3-dimethylaminopropyl)-amides of oleic, linoleic, and linolenic acids are formed. This product 1 heated with asphalt cement 100 parts 7 days at 325°F. and mixed with petroleum naphtha displays desirable bonding characteristics.				
IT	109-55-7 , 1,3-Propanediamine, N,N-dimethyl- (amides from tall oil fatty acids and, rosin acid salts of, as bonding agents in bituminous materials)				
RN	109-55-7 CAPLUS				
CN	1,3-Propanediamine, N,N-dimethyl- (6CI, 8CI, 9CI) (CA INDEX NAME)				

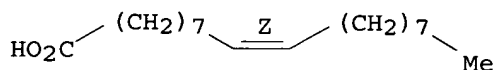
H₂N-(CH₂)₃-NMe₂

IT **70715-14-9**, Oleamide, N-(3-dimethylaminopropyl)-, oleate
 (as bonding agent in bituminous materials)
 RN 70715-14-9 CAPLUS
 CN 9-Octadecenoic acid (9Z)-, compd. with (9Z)-N-[3-(dimethylamino)propyl]-9-octadecenamide (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 112-80-1
 CMF C18 H34 O2

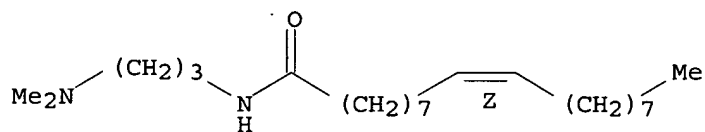
Double bond geometry as shown.



CM 2

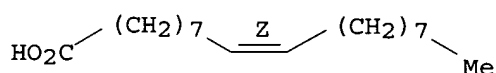
CRN 109-28-4
 CMF C23 H46 N2 O

Double bond geometry as shown.



IT 112-80-1, Oleic acid
 (compds. with N-(dialkylaminoalkyl)oleamides, as bonding agents in
 bituminous materials)
 RN 112-80-1 CAPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L117 ANSWER 46 OF 52 MEDLINE on STN
 ACCESSION NUMBER: 2005094176 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 15724349
 TITLE: Allergic contact dermatitis from cocamidopropyl betaine, cocamidoamine, 3-(dimethylamino)propylamine, and oleamidopropyl dimethylamine: co-reactions or cross-reactions?
 AUTHOR: Moreau Linda; Sasseville Denis
 CORPORATE SOURCE: McGill University Health Centre, Montreal, Canada.
 SOURCE: Dermatitis : contact, atopic, occupational, drug : official journal of the American Contact Dermatitis Society, North American Contact Dermatitis Group, (2004 Sep) Vol. 15, No. 3, pp. 146-9.
 Journal code: 101207335. ISSN: 1710-3568.
 PUB. COUNTRY: Canada
 DOCUMENT TYPE: (CASE REPORTS)
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200503
 ENTRY DATE: Entered STN: 24 Feb 2005
 Last Updated on STN: 22 Mar 2005
 Entered Medline: 21 Mar 2005
 ABSTRACT:
 We present the case of a patient with facial dermatitis caused by sensitization to cocamidopropyl betaine. The patient also had positive patch-test reactions to cocamidoamine, 3-(dimethylamino)propylamine, and oleamidopropyl dimethylamine. The presence of 3-(dimethylamino)propylamine as an impurity in all of these substances can be hypothesized to explain these simultaneous reactions.
 CONTROLLED TERM: Check Tags: Female
 Adult
 Allergens: AE, adverse effects
 *Betaine: AE, adverse effects
 *Betaine: AA, analogs & derivatives

*Cosmetics: AE, adverse effects
Cross Reactions
*Dermatitis, Allergic Contact: ET, etiology
*Diamines: AE, adverse effects
Drug Synergism
*Hair Preparations: AE, adverse effects
Humans
*Propylamines: AE, adverse effects
*Surface-Active Agents: AE, adverse effects

CAS REGISTRY NO.: 107-43-7 (Betaine); 109-28-4 (N-(3-(dimethylamino)propyl)oleamide); 109-55-7 (3-dimethylaminopropylamine)

CHEMICAL NAME: 0 (Allergens); 0 (Cosmetics); 0 (Diamines); 0 (Hair Preparations); 0 (Propylamines); 0 (Surface-Active Agents); 0 (cocamidopropyl betaine)

L117 ANSWER 47 OF 52 MEDLINE on STN
ACCESSION NUMBER: 2003223926 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12746058
TITLE: Minoxidil-containing dosage forms: skin retention and after-rinsing hair-growth promotion.
AUTHOR: Kim Jin-Chul; Lee Min-Ho; Rang Moon-Jeong
CORPORATE SOURCE: LG Household & Health Care, Taejeon, Korea..
jinkim@kangwon.ac.kr
SOURCE: Drug delivery, (2003 Apr-Jun) Vol. 10, No. 2, pp. 119-23.
Journal code: 9417471. ISSN: 1071-7544.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200401
ENTRY DATE: Entered STN: 15 May 2003
Last Updated on STN: 17 Jan 2004
Entered Medline: 16 Jan 2004

ABSTRACT:

Three kinds of topical dosage forms of minoxidil (MXD), namely vesicles, double emulsions, and an inclusion complex with hydroxypropyl-beta-cyclodextrin (HP-beta-CD), were prepared. The skin retention of MXD in the preparations was evaluated in vitro using hairless mouse skins. After applying the preparations onto the skin and rinsing it, the amount of the drug left on the skin was determined using HPLC. Retention was the highest when the drug was encapsulated in cationic vesicles. Nonionic vehicle, the double emulsion, and HP-beta-CD left no significant amount of the drug after rinsing the skin. Thus, an ionic interaction between the cationic vehicle and negatively charged skin is likely responsible for the relatively high skin retention. In vivo hair growth-promotion effect of each dosage form was investigated, in which the sample application onto the clipped backs of female mice (C57BL6) and the subsequent rinsing of the backs were done once a day for 30 days. Only MXD in the cationic vesicles had hair growth promotion effect, possibly due to significant skin retention.

CONTROLLED TERM: Check Tags: Female
Administration, Topical
Animals
Cyclodextrins: AD, administration & dosage
Cyclodextrins: PK, pharmacokinetics
Delayed-Action Preparations
Detergents
Disease Models, Animal
Drug Carriers: AD, administration & dosage
*Drug Carriers: PK, pharmacokinetics

Drug Compounding: MT, methods
Emulsions
Fatty Acids
*Hair: DE, drug effects
*Hair: GD, growth & development
Mice
Mice, Inbred HRS
Minoxidil: AD, administration & dosage
*Minoxidil: PK, pharmacokinetics
Propylene Glycol: AD, administration & dosage
Silicones: AD, administration & dosage
*Skin: ME, metabolism
Skin Absorption: DE, drug effects
Stearates: PK, pharmacokinetics
Transport Vesicles: DE, drug effects
*beta-Cyclodextrins

CAS REGISTRY NO.: 38304-91-5 (Minoxidil); 57-55-6 (Propylene Glycol);
7651-02-7 (N-(3-(dimethylamino)propyl)octadecanamide)
; 94035-02-6 (2-hydroxypropyl-beta-cyclodextrin)

CHEMICAL NAME: 0 (Cyclodextrins); 0 (Delayed-Action Preparations); 0
(Detergents); 0 (Drug Carriers); 0 (Emulsions); 0 (Fatty
Acids); 0 (Silicones); 0 (Stearates); 0
(beta-Cyclodextrins)

L117 ANSWER 48 OF 52 MEDLINE on STN
ACCESSION NUMBER: 96063936 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8549137
TITLE: Contact allergy to oleamidopropyl dimethylamine and related
substances.
AUTHOR: Foti C; Rigano L; Vena G A; Grandolfo M; Liguori G;
Angelini G
CORPORATE SOURCE: Department of Dermatology, University of Bari, Italy.
SOURCE: Contact dermatitis, (1995 Aug) Vol. 33, No. 2, pp. 132-3.
Journal code: 7604950. ISSN: 0105-1873.
PUB. COUNTRY: Denmark
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199602
ENTRY DATE: Entered STN: 6 Mar 1996
Last Updated on STN: 6 Mar 1996
Entered Medline: 20 Feb 1996

CONTROLLED TERM: *Cosmetics: AE, adverse effects
Dermatitis, Allergic Contact: DI, diagnosis
*Dermatitis, Allergic Contact: ET, etiology
Humans
Patch Tests: MT, methods
*Propylamines: AE, adverse effects

CAS REGISTRY NO.: 109-28-4 (N-(3-(dimethylamino)propyl)oleamide)
CHEMICAL NAME: 0 (Cosmetics); 0 (Propylamines)

L117 ANSWER 49 OF 52 MEDLINE on STN
ACCESSION NUMBER: 93083180 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1451470
TITLE: The patch test dilution of oleamidopropyl dimethylamine.
AUTHOR: Bruynzeel D P; Niklasson B
CORPORATE SOURCE: Department of Occupational Dermatology, Free University
Academic Hospital, Amsterdam, The Netherlands.
SOURCE: Contact dermatitis, (1992 Sep) Vol. 27, No. 3, pp. 190-1.
Journal code: 7604950. ISSN: 0105-1873.

PUB. COUNTRY: Denmark
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199301
ENTRY DATE: Entered STN: 29 Jan 1993
Last Updated on STN: 29 Jan 1993
Entered Medline: 7 Jan 1993
CONTROLLED TERM: Dermatitis, Contact: ET, etiology
Humans
*Patch Tests: MT, methods
Propylamines: AE, adverse effects
*Propylamines: DU, diagnostic use
CAS REGISTRY NO.: 109-28-4 (N-(3-(dimethylamino)propyl)oleamide)
CHEMICAL NAME: 0 (Propylamines)

L117 ANSWER 50 OF 52 MEDLINE on STN
ACCESSION NUMBER: 89305232 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2743873
TITLE: Oleamidopropyl dimethylamine.
AUTHOR: de Groot A C
CORPORATE SOURCE: Department of Dermatology, Carolus and Willem-Alexander
Hospital, s-Hertogenbosch (The Netherlands).
SOURCE: Dermatosen in Beruf und Umwelt. Occupation and environment,
(1989 May-Jun) Vol. 37, No. 3, pp. 101-5.
Journal code: 7802820. ISSN: 0343-2432.
PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198908
ENTRY DATE: Entered STN: 9 Mar 1990
Last Updated on STN: 9 Mar 1990
Entered Medline: 25 Aug 1989

ABSTRACT:

The cationic emulsifier oleamidopropyl dimethylamine has been responsible for many cases of cosmetic sensitisation in The Netherlands. Of 119 patients with proven cosmetic-related allergic contact dermatitis, 13 (11%) were allergic to oleamidopropyl dimethylamine. The clinical data of 12 patients, all sensitised by one particular baby body lotion containing 0.3% of the emulsifier, are presented. The cross-reaction pattern of oleamidopropyl dimethylamine was investigated by patch testing 13 patients allergic to the emulsifier with a series of related amideamine type emulsifiers. Most cross-reactions were observed to ricinoleamidopropyl dimethylamine lactate and tallowamidopropyl dimethylamine (11 patients, 85%). 9 patients (of 12 tested: 75%) reacted to lauramidopropyl dimethylamine and 6 (46%) to myristamidopropyl dimethylamine. It is concluded that the presence of oleamidopropyl dimethylamine in a concentration of 0.3% in stay-on cosmetics, especially when applied to damaged skin and/or the periorbital area, bears a definite risk of the induction and elicitation of contact allergic reactions.

CONTROLLED TERM: *Cosmetics: AE, adverse effects
*Dermatitis, Contact: ET, etiology
*Dermatologic Agents: AE, adverse effects
Dose-Response Relationship, Drug
*Emollients: AE, adverse effects
*Excipients: AE, adverse effects
Humans
Netherlands
Patch Tests
*Propylamines: AE, adverse effects

CAS REGISTRY NO.: 109-28-4 (N-(3-(dimethylamino)propyl)oleamide)
CHEMICAL NAME: 0 (Cosmetics); 0 (Dermatologic Agents); 0 (Emollients); 0 (Excipients); 0 (Propylamines)

L117 ANSWER 51 OF 52 MEDLINE on STN
ACCESSION NUMBER: 89120067 MEDLINE
DOCUMENT NUMBER: PubMed ID: 3219837
TITLE: Cross-reaction pattern of the cationic emulsifier
oleamidopropyl dimethylamine.
AUTHOR: de Groot A C; Jagtman B A; van der Meeren H L; Bruynzeel D
P; Bos J D; den Hengst C W; Weyland J W
CORPORATE SOURCE: Department of Dermatology, Carolus & Willem-Alexander
Hospital, Hertogenbosch, The Netherlands.
SOURCE: Contact dermatitis, (1988 Oct) Vol. 19, No. 4, pp. 284-9.
Journal code: 7604950. ISSN: 0105-1873.
PUB. COUNTRY: Denmark
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198903
ENTRY DATE: Entered STN: 8 Mar 1990
Last Updated on STN: 8 Mar 1990
Entered Medline: 16 Mar 1989

ABSTRACT:

13 patients allergic to the cationic emulsifier oleamidopropyl dimethylamine were tested with a series of related amide-amine type surfactants in order to investigate its cross-reaction pattern. With 1 exception, all patients reacted to at least 4 of the test materials. Most reactions were observed to ricinoleamidopropyl dimethylamine lactate and tallowamidopropyl dimethylamine (11 patients, 85%); 9 patients (of 12 tested, 75%) reacted to lauramidopropyl dimethylamine and 6 (46%) to myristamidopropyl dimethylamine. A certain pattern of cross-reactivity was recognised.

CONTROLLED TERM: Check Tags: Female
Adolescent
Adult
Cations
Cosmetics: AE, adverse effects
Cross Reactions
Dermatitis, Contact: ET, etiology
*Dermatitis, Contact: IM, immunology
Humans
Middle Aged
Propylamines: AE, adverse effects
*Propylamines: IM, immunology
Surface-Active Agents: AE, adverse effects
CAS REGISTRY NO.: 109-28-4 (N-(3-(dimethylamino)propyl)oleamide)
CHEMICAL NAME: 0 (Cations); 0 (Cosmetics); 0 (Propylamines); 0 (Surface-Active Agents)

L117 ANSWER 52 OF 52 MEDLINE on STN
ACCESSION NUMBER: 85125900 MEDLINE
DOCUMENT NUMBER: PubMed ID: 6525824
TITLE: Contact allergy to oleamidopropyl dimethylamine.
AUTHOR: de Groot A G; Liem D H
SOURCE: Contact dermatitis, (1984 Nov) Vol. 11, No. 5, pp. 298-301.
Journal code: 7604950. ISSN: 0105-1873.
PUB. COUNTRY: Denmark
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals
ENTRY MONTH: 198503
ENTRY DATE: Entered STN: 20 Mar 1990
Last Updated on STN: 20 Mar 1990
Entered Medline: 27 Mar 1985

ABSTRACT:

Contact allergy to the cationic emulsifier oleamidopropyl dimethylamine was demonstrated in 3 patients. In every case the emulsifier was present in a particular brand of body lotion. Patch test concentrations of 0.1% and 0.5% in water are proposed; slightly higher concentrations may induce irritant responses. Although these are the first documented cases of contact allergy to oleamidopropyl dimethylamine, it is argued that hypersensitivity to this compound may not be rare.

CONTROLLED TERM: Check Tags: Female
Adult
*Cosmetics: AE, adverse effects
*Dermatitis, Contact: ET, etiology
Humans
Patch Tests
*Propylamines: AE, adverse effects
CAS REGISTRY NO.: 109-28-4 (N-(3-(dimethylamino)propyl)oleamide)
CHEMICAL NAME: 0 (Cosmetics); 0 (Propylamines)

=> fil reg; s 109-28-4 or 7651-02-7
FILE 'REGISTRY' ENTERED AT 12:44:39 ON 03 AUG 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 1 AUG 2006 HIGHEST RN 897851-29-5
DICTIONARY FILE UPDATES: 1 AUG 2006 HIGHEST RN 897851-29-5

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

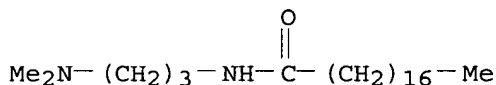
1 109-28-4
(109-28-4/RN)
1 7651-02-7
(7651-02-7/RN)
L118 2 109-28-4 OR 7651-02-7

=> d ide 1-2; fil hom

L118 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN

RN 7651-02-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Octadecanamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Adogen S 18V
CN Catinal MPAS
CN Chemdex S
CN Incromine SB
CN Lexamine S 13
CN N',N'-Dimethyl-N-octadecanoyl-1,3-diaminopropane
CN N,N-Dimethyl-3-(octadecanoylamino)propylamine
CN N,N-Dimethyl-N'-stearoyl-1,3-propanediamine
CN N-[3-(Dimethylamino)-1-propyl]octadecanamide
CN N-[3-(Dimethylamino)propyl]stearamide
CN NSC 86167
CN SAPDMA
CN Stearamidopropyl dimethylamine
CN Stearic acid 3-(dimethylaminopropyl)amide
CN Stearic acid dimethylaminopropylamide
CN Tegamine S 13
CN Tego Amide S 18
FS 3D CONCORD
MF C23 H48 N2 O
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSChem, IFICDB, IFIPAT, IFIUDb, MEDLINE, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*structures for
Medline hits*



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

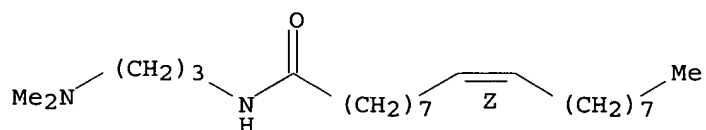
202 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
204 REFERENCES IN FILE CAPLUS (1907 TO DATE)
8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L118 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN

RN 109-28-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (9Z)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 9-Octadecenamide, N-[3-(dimethylamino)propyl]-, (Z)-
CN Oleamide, N-[3-(dimethylamino)propyl]- (6CI, 7CI, 8CI)
OTHER NAMES:
CN Lexamine O 13
CN N-[3-(Dimethylamino)propyl]oleamide
CN Oleamidopropyl 3-dimethylamine
CN Schercodine O
CN Tegamine O-13

CN Tegamine O 13
FS STEREOSEARCH
DR 3271-67-8
MF C23 H46 N2 O
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHM,
CSNB, IFICDB, IFIPAT, IFIUDB, MEDLINE, SCISEARCH, TOXCENTER, USPAT2,
USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

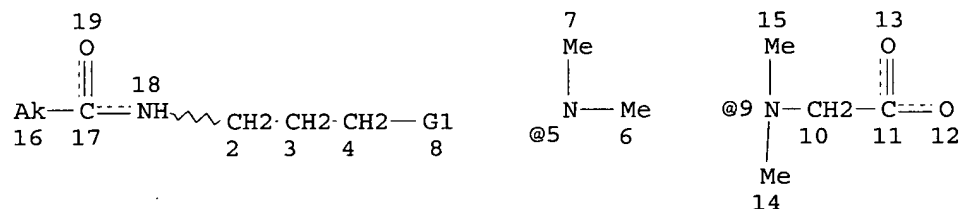
63 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
63 REFERENCES IN FILE CAPLUS (1907 TO DATE)
7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'HOME' ENTERED AT 12:44:46 ON 03 AUG 2006

=>

$$\begin{array}{ccccccc}
 \text{G2} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{G1} & & & & & & \\
 \text{1} \quad \text{2} \quad \text{3} \quad \text{4} \quad \text{8} & & & & & & \\
 & & \text{7} & & \text{15} & \text{13} & \text{19} \\
 & & \text{Me} & & \text{Me} & \text{O} & \text{O} \\
 & & | & & | & || & || \\
 & & \text{N} - \text{Me} & & @9 - \text{N} - \text{CH}_2 - \text{C} - \text{O} & & \text{Ak} - \text{C} - \text{NH} \\
 & & @5 \quad \text{6} & & | \quad \text{10} \quad \text{11} \quad \text{12} & & \text{16} \quad \text{17} \quad @18 \\
 & & & & \text{Me} & & \\
 & & & & \text{14} & &
 \end{array}$$

```
STEREO ATTRIBUTES: NONE
L10          SCR 1399 AND 1006 AND 1236
L12          843 SEA FILE=REGISTRY SSS FUL L8 AND L10
L28          STR
```



```
STEREO ATTRIBUTES: NONE
L30      157 SEA FILE=REGISTRY SUB=L12 SSS FUL L28
L32      140 SEA FILE=REGISTRY ABB=ON  L30/COMPLETE
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(FILE 'HOME' ENTERED AT 11:17:16 ON 03 AUG 2006)

FILE 'REGISTRY' ENTERED AT 11:17:24 ON 03 AUG 2006

L1 STR
L2 50 SEA SSS SAM L1
L3 2 SEA ABB=ON L2 AND 2/NC
D SCAN
L4 STR L1
L5 20 SEA SSS SAM L4
L6 STR L1
L7 50 SEA SSS SAM L6
L8 STR L6
L9 1 SEA SSS SAM L8

FILE 'STNGUIDE' ENTERED AT 11:28:36 ON 03 AUG 2006

FILE 'REGISTRY' ENTERED AT 11:32:22 ON 03 AUG 2006

L10 SCREEN 1399 AND 1006 AND 1236
L11 14 SEA SSS SAM L8 AND L10
L12 843 SEA SSS FUL L8 AND L10
SAVE TEMP L12 MEL251FULL/A

FILE 'LREGISTRY' ENTERED AT 11:48:20 ON 03 AUG 2006

E 10-HEPTADECANOIC ACID/CN
E 11-TRANSEICOSENIC ACID/CN

FILE 'REGISTRY' ENTERED AT 11:48:58 ON 03 AUG 2006

E 10-HEPTADECANOIC ACID/CN
E 11-TRANSEICOSENIC ACID/CN
L13 1 SEA ABB=ON "11-TRANS-OCTADECENOIC ACID"/CN
D SCAN
E EICOSENIC ACID/CN

FILE 'LREGISTRY' ENTERED AT 11:49:57 ON 03 AUG 2006

E EICOSENIC ACID/CN
L14 2 SEA ABB=ON "EICOSENOIC ACID"/CN
D SCAN

FILE 'REGISTRY' ENTERED AT 11:50:39 ON 03 AUG 2006

E HEPTADECANOIC ACID/CN
L15 1 SEA ABB=ON "HEPTADECANOIC ACID"/CN
D SCAN

FILE 'STNGUIDE' ENTERED AT 11:51:16 ON 03 AUG 2006

FILE 'LREGISTRY' ENTERED AT 11:52:50 ON 03 AUG 2006

L16 0 SEA ABB=ON C14-24 H28-48 O2/MF
L17 0 SEA ABB=ON C14-24
L18 42204 SEA ABB=ON 14-24/C
L19 1859 SEA ABB=ON 14-24/C AND 28-48/H AND 2/O
L20 571 SEA ABB=ON L19 NOT RSD/FA
L21 293 SEA ABB=ON L20 AND 3/ELC.SUB

FILE 'REGISTRY' ENTERED AT 11:56:06 ON 03 AUG 2006

L22 26914 SEA ABB=ON 14-24/C AND 28-48/H AND 2/O AND 3/ELC.SUB NOT
RSD/FA
SAVE TEMP L22 MEL251FUL2/A
L23 STR L8
L24 18 SEA SUB=L12 SSS SAM L23
L25 STR L23

L26 11 SEA SUB=L12 SSS SAM L25

FILE 'CAPLUS' ENTERED AT 12:00:55 ON 03 AUG 2006

L27 14 SEA ABB=ON L26
D SCAN TI

FILE 'REGISTRY' ENTERED AT 12:01:55 ON 03 AUG 2006

L28 STR L25

L29 11 SEA SUB=L12 SSS SAM L28
D SCAN

L30 157 SEA SUB=L12 SSS FUL L28
SAVE TEMP L30 MEL251SUB/A

FILE 'CAPLUS' ENTERED AT 12:03:55 ON 03 AUG 2006

L31 504 SEA ABB=ON L30

FILE 'REGISTRY' ENTERED AT 12:04:07 ON 03 AUG 2006

L32 140 SEA ABB=ON L30/COMPLETE

L33 686 SEA ABB=ON L12 NOT L30

L34 ANALYZE L32 1- LC : 29 TERMS
D 1-29

FILE 'CAPLUS' ENTERED AT 12:06:04 ON 03 AUG 2006

L35 503 SEA ABB=ON L32

L36 199095 SEA ABB=ON L22

L37 6173 SEA ABB=ON L33

L38 730 SEA ABB=ON L36 AND L37

L39 127746 SEA ABB=ON 62/SC, SX

L40 76383 SEA ABB=ON COSMETICS+NT/CT

L41 104 SEA ABB=ON L35 (L) COS/RL

L42 235 SEA ABB=ON L35 AND (L39 OR L40)

L43 390 SEA ABB=ON (L36 (L) COS/RL AND L37 (L) COS/RL) OR (L38 AND (L39
OR L40))

L44 1492 SEA ABB=ON CRANBERR?/OBI

L45 2 SEA ABB=ON (L41 OR L42 OR L43) AND L44
D SCAN

L46 127133 SEA ABB=ON TOPICAL?/OBI OR SKIN/CW

L47 2 SEA ABB=ON (L38 OR L35) AND L44

L48 240 SEA ABB=ON (VACCINIUM/OBI OR V/OBI) (W)MACROCARPON/OBI

L49 0 SEA ABB=ON L48 AND (L38 OR L35)

L50 5109 SEA ABB=ON (COLD PRESS?)/BI

L51 0 SEA ABB=ON L50 AND (L38 OR L35)

L52 18932 SEA ABB=ON (SEED#(2A)OIL#)/BI

L53 0 SEA ABB=ON L52 AND L35,38/OBI

L54 10 SEA ABB=ON L52 AND (L35 OR L38)
D KWIC 1-3
D SCAN TI

L55 2113 SEA ABB=ON CRANBERR?/BI OR ((VACCINIUM OR V) (W)MACROCARPON)/BI

L56 2 SEA ABB=ON L55 AND (L38 OR L35)

FILE 'STNGUIDE' ENTERED AT 12:14:50 ON 03 AUG 2006

FILE 'CAPLUS' ENTERED AT 12:17:07 ON 03 AUG 2006

L57 465 SEA ABB=ON L35 AND P/DT

L58 378 SEA ABB=ON L57 NOT AY>2003

L59 336 SEA ABB=ON L57 NOT AY>2002

L60 255 SEA ABB=ON L57 NOT PY>2002

L61 357 SEA ABB=ON L57 NOT PRY>2002

L62 357 SEA ABB=ON (L59 OR L60 OR L61)

L63 38 SEA ABB=ON L35 NOT L57
L64 36 SEA ABB=ON L63 NOT PY>2002

FILE 'TOXCENTER' ENTERED AT 12:22:59 ON 03 AUG 2006

L65 49 SEA ABB=ON L32
L66 92 SEA ABB=ON L33 AND L22
L67 413 SEA ABB=ON CRANBERR? OR ((VACCINIUM OR V) (W)MACROCARPON) OR
CRAN(A) BERR?
L68 0 SEA ABB=ON (L65 OR L66) AND L67

FILE 'MEDLINE' ENTERED AT 12:24:47 ON 03 AUG 2006

L69 7 SEA ABB=ON L32
D COST
D TRIAL L69 1-7
D QUE NOS L33

FILE 'REGISTRY' ENTERED AT 12:26:02 ON 03 AUG 2006

L70 1 SEA ABB=ON L33 AND MEDLINE/LC
L71 178 SEA ABB=ON L22 AND MEDLINE/LC

FILE 'MEDLINE' ENTERED AT 12:26:21 ON 03 AUG 2006

L72 16 SEA ABB=ON L70
L73 32377 SEA ABB=ON L71
E FATTY ACIDS/CT
E E3+ALL
L74 383206 SEA ABB=ON FATTY ACIDS+NT/CT
L75 1 SEA ABB=ON L72 AND (L73 OR L74)
D TRIAL
E ACETIC ACIDS+ALL/CT
L76 0 SEA ABB=ON L72 AND L73
L77 113 SEA ABB=ON VACCINIUM MACROCARPON/CT
L78 0 SEA ABB=ON L77 AND L72

FILE 'DRUGU' ENTERED AT 12:29:27 ON 03 AUG 2006

L79 1 SEA ABB=ON L32
D TRIAL
D IALL

FILE 'STNGUIDE' ENTERED AT 12:30:21 ON 03 AUG 2006

FILE 'CAPLUS' ENTERED AT 12:32:50 ON 03 AUG 2006

SET SFIELDS BI
L80 38452 SEA ABB=ON PALMITIC
L81 71763 SEA ABB=ON STERIC
L82 63693 SEA ABB=ON OLEIC
L83 41760 SEA ABB=ON LINOLEIC
L84 21422 SEA ABB=ON LINOLENIC
L85 4729 SEA ABB=ON ARACHIDIC
L86 351 SEA ABB=ON GADOLEIC
L87 14638 SEA ABB=ON MYRISTIC
L88 5434 SEA ABB=ON PENTADECANOIC
L89 5750 SEA ABB=ON PALMITOLEIC
L90 4587 SEA ABB=ON HEPTADECANOIC
L91 1330 SEA ABB=ON NONADECANOIC
L92 0 SEA ABB=ON TRANSEICOSENOIC OR TRANSEICOSENIC
L93 1 SEA ABB=ON EICOSANDIENOIC
L94 1552 SEA ABB=ON EICOSATRIENOIC
L95 8733 SEA ABB=ON EICOSAPENTAENOIC
L96 4558 SEA ABB=ON BEHENIC
L97 4235 SEA ABB=ON ERUCIC

L98 1167 SEA ABB=ON DOCOSAPENTAENOIC
 L99 865 SEA ABB=ON TRICOSANOIC
 L100 1632 SEA ABB=ON LIGNOCERIC
 L101 452 SEA ABB=ON NERVONIC
 L102 216 SEA ABB=ON L38 AND (L80 OR L81 OR L82 OR L83 OR L84 OR L85 OR
 L86 OR L87 OR L88 OR L89 OR L90 OR L91 OR L92 OR L93 OR L94 OR
 L95 OR L96 OR L97 OR L98 OR L99 OR L100 OR L101)
 L103 29 SEA ABB=ON L61 AND L102
 L104 1 SEA ABB=ON L64 AND L102
 L105 31165 SEA ABB=ON ?BERRY OR ?BERRIES
 L106 5 SEA ABB=ON L38 AND L105
 D SCAN TI
 D KWIC 1-5
 L107 2852 SEA ABB=ON VACCINIUM
 L108 1 SEA ABB=ON L38 AND L107
 D SCAN

FILE 'REGISTRY' ENTERED AT 12:37:56 ON 03 AUG 2006

D STAT QUE L32
 D QUE NOS L33
 D QUE NOS L22

FILE 'CAPLUS' ENTERED AT 12:38:26 ON 03 AUG 2006

D QUE NOS L56
 D QUE NOS L54
 D QUE NOS L103
 D QUE NOS L104
 D QUE NOS L106
 D QUE NOS L108
 D QUE NOS L49
 D QUE L51
 D SAVED
 ACT MEL251CAAU/A

L109(273)SEA FILE=CAPLUS ABB=ON O LENICK A?/AU
 L110(7)SEA FILE=CAPLUS ABB=ON (LAVAY C?/AU OR LA VAY C?/AU)
 L111(7)SEA FILE=CAPLUS ABB=ON L109 AND L110
 L112 2 SEA ABB=ON RASPBERRY/TI AND L111

 L113 273 SEA ABB=ON (OLENICK A?/AU OR O LENICK A?/AU)
 L114 7 SEA ABB=ON (LAVAY C?/AU OR LA VAY C?/AU)
 L115 16 SEA ABB=ON ((L55 OR L50 OR L52) AND (L113 OR L114)) OR (L113
 AND L114)

FILE 'CAPLUS' ENTERED AT 12:42:01 ON 03 AUG 2006

D QUE L115
 D IBIB ED ABS HITIND L115 1-16

FILE 'REGISTRY' ENTERED AT 12:42:28 ON 03 AUG 2006

D STAT QUE L32
 D QUE NOS L33
 D QUE NOS L22

FILE 'CAPLUS' ENTERED AT 12:42:39 ON 03 AUG 2006

D QUE NOS L56
 D QUE NOS L54
 D QUE NOS L103
 D QUE NOS L104
 D QUE NOS L106
 D QUE NOS L108

D QUE NOS L49
D QUE NOS L51
L116 45 SEA ABB=ON (L56 OR L54 OR L103 OR L104 OR L106 OR L108) NOT
L115

FILE 'MEDLINE' ENTERED AT 12:43:10 ON 03 AUG 2006

D QUE NOS L69

D QUE NOS L76

FILE 'CAPLUS, MEDLINE' ENTERED AT 12:43:18 ON 03 AUG 2006

L117 52 DUP REM L116 L69 (0 DUPLICATES REMOVED)

ANSWERS '1-45' FROM FILE CAPLUS

ANSWERS '46-52' FROM FILE MEDLINE

D IBIB ED ABS HITSTR 1-45

D IALL 46-52

FILE 'REGISTRY' ENTERED AT 12:44:39 ON 03 AUG 2006

L118 2 SEA ABB=ON 109-28-4 OR 7651-02-7

D IDE 1-2

FILE 'HOME' ENTERED AT 12:44:46 ON 03 AUG 2006

D STAT QUE L32

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